

12-19-1973

# Newspeak Volume 01, Issue 23, December 19, 1973

The Students of Worcester Polytechnic Institute

Follow this and additional works at: <http://digitalcommons.wpi.edu/newspeak>

---

## Recommended Citation

The Students of Worcester Polytechnic Institute, "Newspeak Volume 01, Issue 23, December 19, 1973" (1973). *Newspeak All Issues*. Book 36.  
<http://digitalcommons.wpi.edu/newspeak/36>

This Book is brought to you for free and open access by the Newspeak at DigitalCommons@WPI. It has been accepted for inclusion in Newspeak All Issues by an authorized administrator of DigitalCommons@WPI.



# NEWSPEAK

Wednesday, Dec. 19, 1973

Vol. 1 No. 23

George W. Hazzard



*Georgie porgie,  
pudding and pie,  
kiss the editors,  
not Newspeak good-by.*

*No! "He's got a plan to  
stick it to the man" — superfly.*

William F. Barrett



Donald T. Reutlinger

*Philosophically speaking*

*in light of*

*"in loco parentis",*

*hmm,*

*that sweet smell.*





# Editorial

It was the 108th year of the institution, and the birth of the Plan a few months away after a long and laborious waiting period. She had been conceived long ago, the savior of a faltering race, a messianic message of hope lingered in the air and all seemed right.

In preparation for this great feat the area was made ready. New faces arrived, new buildings constructed, old ones renovated. Yes, the messiah was about to arrive and all was to be in order for her coming. Change, change cried the parents of this wondrous feat, we must change and prepare for this new life about to descend unto these hallowed halls.

Thus it was, change; prepare for this new dawn, discard the old and foster the new. So it happened in the spring of the year of our Lord 1973. In this atmosphere of change, another was made and christened Newspeak.

"What a name," said George, father of all. "I like it," echoed Jean, an air of uncertainty was about. Would this new child develop correctly, would she behave well and fit in when "the plan" arrived in a few months.

The wise men, all three from the land of N, S and F respectively, arrived. These men of wisdom brought gifts, nearly a million dollars. They viewed Newspeak in wonderment and prayed that Father George would see that all would be well.

George did not like Newspeak from the beginning (just something about the name I guess.) The rowdy child continually misbehaved and more often than not made trouble. She would not listen at all, totally delinquent and irresponsible was she, he claimed. Not knowing her place, she spoke poorly of her parents and their friends and business acquaintances. There were their good friends, the WICN's from Alden who Newspeak just didn't like. Having fallen out of favor at home, Newspeak made friends on the block.

There was that cute kid, Baccus, but he had a dirty mouth they said, even though many of his points were true. The truth often hurts, learned Newspeak. Then there was that run-in with Deb, but alas, she plays with drugs and there was no room for that to be recognized, not with the Messiah approaching.

Trying to improve upon her image, Newspeak met this sweet old lady down the street. Affectionately referred to as the Bag, she found here a friend with a chance for some perverted humor of sorts. Once again, Newspeak was criticized for her acquaintance, but what was she to do; no one else was friendly or had anything to contribute to her development. Maybe, just maybe, no one cared about her development?

Newspeak even was blamed for helping in student elections, for giving her favors away, so to speak, being accused of being nothing more than a "dirty rag." All this in the first few months of her infancy, with no one to lend a helping hand. By the end of May, she was the talk of the town, and it wasn't too favorable. Summer was about to begin, and George sent her to finishing school with the hopes that those long months would mellow the young lass.

In September she returned, the proud parents of the Plan were about marvelling at their creation with hopes that Newspeak had grown up. The first few weeks were good ones, Newspeak was still a bit unruly, but had toned down immensely, so everyone thought.

One day she and Baccus and Deb went out to eat at the Snack Bar and it was filthy. Newspeak had never felt so bad, having to take her friends to such a place. She complained again and it looked like no one would listen, but George went right over the next day and soon the place was cleaned with shiny new tables and all. Not to mention a new floor too. She could feel the respect growing between her and George slowly, maybe it needs more time she thought. We all make mistakes when we're young. A few weeks passed and she complained again to help her "friends." This time she wanted them to have a meeting place, so she worked on a campus pub and got her way again. It must have been the summer finishing school, because now there were results, slow at times, but results.

Plan was growing rapidly, and Newspeak, being a little older, didn't like everything about the Plan. Some of her friends complained about 7 week terms, some even suggested 10 week terms which seemed to make a good deal of sense, she can only hope that someone will listen again.

She also felt bad about her friends in Ellsworth and Fuller and the high cost and lack of furniture, so she spoke up for them again and again. Even once she spoke up at a Trustee's Meeting for them right in front of George. But she's glad she did. They are getting rebates now. They were once told that no adjustment would be made, so she was glad for the new decision.



## Freshman on The Plan

I think it's about time a freshman spoke up on the Plan.\*

Why a freshman? We were not under the same sort of pressures to go on the Plan as most of the upper classmen. There were pressures, yes, but mostly of the "where do I apply, where do I go?" sort.

I also think that in most of the articles I've read so far, the authors seem to have distorted conceptions about the Plan — distorted, at least, compared to the image that I got from the Admissions Dept. (Perhaps that's the problem. I learned about the Plan from one of the Admissions Department's better public speakers. No doubt the upperclassmen had to read about it in the Tech News...)

At any rate, having gotten a distinct impression of the Plan last year, I feel qualified to compare it with what I've actually seen.

Just what is the WPI plan? It is not, as some seem to think, seven week terms and AD/AC/NR grades. These are parts of the Plan, not all of it. There are also projects, qualifying exams, negotiated admissions, and the "write-your-own schedule." All of these have to be considering in discussing the plan.

However, I will pass over projects and qualifying exams, not having been involved with either, and the negotiated admissions, since I approve, in general, of our admissions policy.

As for "write-your-own schedules," all that needs to be said is that the Phys Ed requirement is an anachronism. It is a holdover from the days when schedules and requirement were

dictated, and should be buried with the rest. Enough...

So the main points of contention are seven week terms, IPI courses, and grades. As I have said, these do not constitute the Plan; they could be modified or eliminated without scrapping the Plan. It is not the Plan that needs reconsideration, but elements of it.

The seven week term has some advantages. I feel that the student can learn more, if he is willing to try, under seven-week terms. On the practical side, if you have a bad prof, you only have him for seven weeks. The disadvantages have been published in the Newspeak often enough; I won't repeat them. The ten week term seems to be a reasonable compromise. I think we should try it, after some careful study. (Another poll...?)

I have not taken any IPI courses, so perhaps my opinions are invalid, but what I've heard flatly contradicts the image I was given last year. I was told that the primary purpose of IPI courses was to let the student work at his own rate and to complete the work in more of less than seven weeks. Instead, students seem to be under even more pressure than S/C students to finish in seven weeks, and sometimes are required to finish in a certain amount of time in order to pass. It is not the "work-at-your-own-pace" system that was advertised. IPI needs to be liberated. It's a fairly good idea, but those who are administering it haven't caught on to what it means.

Finally, there is the grading dilemma. Again, we have a system

with some very good points and some bad ones. On paper, it's great, but in practice...

There are at least two proposals floating around. One is A, B, C and NR. This seems all right, but the traditional letter grades are subject to preconception and misinterpretation. The second idea — add a grade to the present system — is basically the same thing with different nomenclature, and it gets around the first system's problem — but it seems rather silly to say "acceptable with distinction" when you really mean "an A." If any geniuses have ideas on the grading system, please, speak up!

But the main point is this: Don't scrap the Plan when all it needs is a little modification. To borrow one of Thomas Jefferson's phrases, "it is the right of the people to alter or to abolish it..." — but just as you wouldn't sell a car because its muffler was broken, don't try to abolish the Plan until you've tried to alter it. Is this any way to run a college? Yes.

—Richard Holmes, '77

\*If one of the recent articles was by a freshman, sorry. I didn't recognize the anonymous signature.

## Ginny & Denise

To Ginny and Denise,

This is just a little note to say thanks for the great time we had at the Christmas party for WPI women last Sunday night. The food was delicious and the Happy Hour succeeded in warming our spirits. It was a golden opportunity for the commuters to mingle with the residents. We just wished that all of the WPI women would have attended. For those who couldn't make it, please come to the next party. We women have to stick together.

Sincerely,

A few who attended.

I guess you might call them growing pains. When you're young, you make several mistakes, but it's part of growing up. A little less than a year ago, we started Newspeak off, it wasn't easy. We watched it grow and sometimes it looked like it would die. People hated it or they loved it with no middle ground. The year was different for everyone, we tried giving a beginning to something for the students, an organ to bring about change. We've made it work and it can continue to work, so goddamn it, make it work, help it grow and get better, get involved with it.

GFP  
SCP

## WPI Newspeak Election Results

Co-Editors-in-Chief

John FitzPatrick Jack Matte

Managing Editor: Jon Anderson

Features Editor: Dave Salomaki

News Editor: Doug Knowles

Business Manager: Garrett Cavanaugh

Advertising Manager: Ken Dunn

Copy Editor: Lee Little

Circulation Manager: John Casey

The future editors wish you  
a Merry Christmas!

SEE YOU IN FEBRUARY

## On MG 3990

The experience that a student can receive from an actual working problem is far more beneficial than any case problem taken from a book. The MG 3990 course program offers this enriching opportunity. In conjunction with the Small Business Administration in Boston our team has been working with a firm in the Worcester County area. The remaining teams (6), presently in the course, are working with other firms.

The advice and counselling provided by knowledgeable and experienced individuals immeasurably to programs such as these that WPI endorses.

We would like to thank Captain Brethorst of the WPI ROTC department for the invaluable guidance that he provided to our team and the amount of time that he gave to us. Also, we would like to thank the ROTC department for allowing him to work with us.

When the opportunity arises, we hope that programs such as these will continue with the involvement of all segments of the WPI community.

Richard Bloom '75 Bruce Soderman '74  
Dave Chevalier '75 Stuart Wallack '74  
Clifford Peterson '74

## WPI Newspeak

by David Liben

Within these pages, aside from the discussion of the Plan and its problems, there is no more pressing issue, if you'll excuse the pun, than the controversy over the publication of the WPI Newspeak. I think even its detractors would agree that this year's Speak is a vast improvement on the wasted paper and ink of its first few issues in 1973, within which the editors tried to encourage interest in the paper by devoting it to their poor interpretation of controversy, its most visible features being lazy research, sloppy writing, and an editorial style best described as a tantrum. The newspaper still compares unfavorably with most student news publications; but that is typical of WPI, and to be expected. What is more to the point are the directions it might take tomorrow.

Since each student, as part of his so-called social fee, annually contributes for the printing of the publication about \$4.50, or the quoted cost of a year subscription, the studentry should have — by a no-taxation-without-representation argument — the primary influence on the type and range of future content — ideally. Part of the

reality is that the editorial staff need not be responsible to the students, but merely to the SAB, and possibly not even to the board. It would be an embarrassment to the trustees, I think, for this school to be without a newspaper, and the Newspeak wouldn't exist but for SAB-channeled funds. I need not describe the consequences of supporting the Speak totally with voluntarily paid circulation.

Another part of the reality is the difficulty of filling the weekly with relevant news and responsive critique — a result of the sorry apathy inflicting this and other universities — and another is the problem of deciding just what news is relevant and what critique responsive. The letters, while much more cogent and abundant than those in issues of past years, can reveal only the iceberg tip of campus concern and in no way substitute for factual journalism. Still too few students are willing to write to or for the WPI Newspeak, and the paper seems anxious to poll its readers on every question but its own relevancy.

And I'd like to think that if WPI is really committed to Building The Humane Technologist, it would at least build a few who can write.



## WPI NEWSPEAK

Stephen C. Page  
753-1411, Ext. 517  
Gerard F. Petit  
757-9308  
Editors in Chief

Jon Anderson  
Features

John Fitzpatrick  
Jack Matte  
Ken Szefflinski  
Junior Editors

Dave Gerth  
Russ Naber  
Sports

Hugh McAdam, Manager

Garret Cavanagh  
Business

Tom Palumbo, Manager

Ken Dunn  
Advertising

John Bunzick  
Photography

Prof. S. J. Weininger  
Advisor

Ed Pietraskiewicz  
Jack O'Rielly  
H. Edward Goetsch  
Robert J. Sypek  
Circulation

Writers this Issue

Bill Cunningham, Neal Wright, Doug Knowles, Mike Martowska, William Hatzin, Charles Gammal, Robert W. Pritchard, Leo Letendre, Richard Holmes, David Liben, Richard Bloom, Dave Chevalier, Clifford Peterson, Bruce Soderman, Stuart Wallack, Dave Lapre, Judy Nitsch, Brian Mellea, Deb. Bruce Minsky, Barry Heitner.

### STAFF THIS ISSUE

Paul Klinkman, Doug Knowles, David Wolfe, Judy Nitsch, Paula Fragassi.

The WPI NEWSPEAK of Worcester Polytechnic Institute, formerly The Tech News, has been published weekly during the academic year, except during college vacation, since 1969. Editorial and business offices are located at the WPI campus, West St. Second class postage paid at Worcester, Mass. Subscription rate \$4.50 per school year; single copies 20 cents. Make all checks payable to Business Manager. WPI Newspeak Office Tel. 753-1411 Ext. 464

## "If Only You Follow the Quest"

In the last year, as editors, we have been very involved with the WPI campus and addressed many issues. Although everyone didn't agree with us, the issues were still real. There were many issues we never dealt with that may be important for all of us at WPI to think about.

The question of admissions is certainly an important concern to everyone. Many people feel that negotiated admissions may keep the number of students large, but decrease the quality of education. Is WPI really lowering its standards? The process of admissions may also scare away many well-qualified students. They may feel that anyone can go to WPI, so it couldn't be that good. A thorough analysis of the process should be made, in retrospect, to determine its validity.

WPI also appears to be hyper-conscious of its image. Public Relations is a dominant part of the school; this in itself may be fine, but people are concerned about the type of image the school is getting. Many feel that commercialism is cheapening WPI (the radio ads for example). Public Relations and a wide-reaching reputation may be perfectly acceptable, but the school must retain its integrity and be sure to represent facts.

The Plan has been bombarded of late by all types of cleverly worded missiles. Many people attack specifics but fail to look at the underlying philosophies the Plan is attempting to implement. Criticism is good in that hopefully it will lead to improvement and excellence, rather than regression and mediocrity. The Plan will only be effective if it is constantly evaluated and updated to avoid the pitfall of typical curriculums, stagnation.

In the last year, we have admittedly shaken people up with certain things we have printed. It seems that some of the people who get upset are the ones who are opposed to change in the student newspaper. All we can say is, damn it, it's about time someone made you wake up and look around and think. We will never regret that. We have tried to be open to suggestions and to criticisms. Certainly we haven't always been right. But we really hope that people have gotten over a certain part of their apathy, that they begin to think to evaluate, to truly be aware. Agree or disagree, but do something.

"Life itself seems lunatic,  
Who knows where the madness lies,  
Perhaps to be too practical is madness.  
To surrender dreams, this may be madness.  
To seek treasure where there is only trash.  
Too much sanity may be madness.  
But maddest of all to see LIFE AS IT IS AND NOT AS IT SHOULD BE...  
How you must fight and  
It doesn't matter whether you win or lose  
If only you follow the Quest."  
Peace People

SCP  
GFP

## Newspeak Letters Ellsworth - Fuller Again

To the editor,

This school is the biggest rip-off since Hitler told the Jews it was time to take showers — and that's no joke. I live in Ellsworth, in a 7-man suite, where we pay \$665.00 for 9 months. Do your g'zintas on that and it comes out to about \$74 a month.

"Well", you say, "you might get some luxury apartment for that money, right?" Uh-uh. There is no way these could be called luxury apartments except for the self-cleaning ovens and the extravagant waste of space. They are, believe it or not, called efficiency apartments (by someone who's probably never seen them). Efficiency my ass — who needs a 119 sq. ft. kitchen and a 71 sq. ft. "entranceway" which is the biggest waste of space since the attic we have no access to and those beautiful (ridiculous) stairs. Then there's the furniture — the efficient furniture is, for the most part, ugly and relatively uncomfortable and the good-looking furniture is a pain in the ass.

That's not the worst of it — the worst is that once you're in you can't get out. You can't even get time off for good behavior. If I could get out I wouldn't be half as pissed as I am — maybe if the place were to burn down...

To look on the bright side, I have learned one important lesson and I'll pass it on now — if they ask more than \$450 for this place next year, tell them where to shove it. If you read this and then choose to live here next year, you're even more of a sucker than I was — if you lose the lottery and get sucked into their place I feel for you, I really do. If all abortions come out like this, then I'm an anti-abortionist.

Chris Nelson '75  
E 15

## Letter to Doug Knowles

Dear Mr. Knowles,

Perhaps if you need a babysitter to make sure that you don't backslide, you should hire one. Personally I try not to blame others for what is my fault. If you feel that a no-record is something that will come back to haunt you, then perhaps you should read a book on exorcism, or if that be too challenging, try A457. A job interviewer that is as narrow minded as you envision would be as worthless to his company as he would be to you.

I would agree with you that the PLAN is not the great salvation

## Our Own Expressway Through Campus

People are complaining about the Plan, the Administration, Public Relations, and the physical facilities at WPI. They must be totally ungrateful if they can't appreciate the beauty and magnificence of our own expressway through campus. How many other campuses in the U.S., nay the world, can boast of such a highway. Of course everyone knows I am referring to the newly completed Institute Road.

Since our highway was completed two weeks ago, many students have been visibly alert during classes. This is directly attributable to their hazzardous (no pun intended, George) crossing of Institute. Wits wake up early in such a situation. It seems that drivers get 2 points for each person they pick off, 5 points for a group of 3 or more, and 7 points for bicycle riders. The favorite game on this side of campus is card-dodging or how-to-cross-the-street-without-becoming-a-hood-ornament.

It appears obvious that some sort of flashing light system or a police control should be installed. As it is now, our men in blue ignore the situation (or cheer on the drivers — damn college kids!) while writing tickets on Hackfield or Einhorn. Something should be done.

SCP  
GFP

## Newspeak Letters Plan Problems

Doug,

Having read your recent article in Newspeak, I decided that this would be a good opportunity to voice my concurrence with what you had to say. I have no idea when the seven-week term was conceived but I was shocked when I first learned of the plan to implement it. I consider it to be a serious drawback in my education. I do not consider it feasible that a person can consistently perform well on tests that occur as often as three times per week. If WPI is to regain its reputation as an outstanding engineering and science school the Administration must admit its mistakes and implement a more pragmatic school calendar such as the one proposed in the Newspeak recently. My only gripe with that plan was that school should reopen on January 3 at the earliest to allow for traveling for out-of-state and foreign students.

As for the remainder of the Plan I feel that much of it has some value but I don't believe that students should be forced to work under it. I myself changed to Non-Plan last year but I suspect that subsequent classes will be restricted from doing that. I think that the Plan grading system is not reasonable. Possibly a system of four letters (A, B, C, E) would be more accurate and still have the added range which the Plan grading features. It is well known that graduate schools and employers frown upon pass-fail grades and other grades that do not have a district relative significance. This is why Plan grades have been shunned by some employers. (I was told last year by a senior that the first two questions that were asked of him during an interview were: "Are you on the Plan?" and "What is your CQPA." The interviewer was pleased that the student was not on the Plan!) Another comment that I would like to make is that the traditional mode of learning has been in use

for so long because it has been successful and it has stood the test of time. I feel also that the comprehensive exam given to those who are finalizing their degree acquisition is most probably self defeating. Students are tested enough as is and a reasonable grading system coupled with longer marking periods and greater lag for assimilation of information is needed. Employers can tell via examination of the trend of grades and overall quality of work whether or not the individual is suitable for hiring. Grad schools can employ their own or Princeton Testing Service' standardized tests to evaluate the potential of graduates of WPI. One aspect of WPI that may eventually become a serious problem is the extraordinary vagaries in student life.

Just as a student need channel his career into an area in which there is some demand so must WPI serve to provide the proper curriculum and calendar for its students. If the proper decisions are not made WPI will experience a decline in reputation leading to subsequent reduction in grants and private donations and this will be the beginning of the end. Students presently at this Institution will succeed in spite of the Plan but those that are yet to experience the pitfalls of it will be the ones that will be greeted with less than open arms by employers and graduate admissions officers.

Sincerely,  
Mark A. Upham '75  
Box 2146

### Chosen Few

TO THE CHOSEN FEW

I would like to take this opportunity to thank all of the randomly-picked sophomores and juniors who were given a questionnaire on the library Audio Visual Room, and were thoughtful enough to return it. Although the number of returned forms was less than 50 percent of those sent out, they showed a definite trend of answers. My report on the A.V. room and the use of TV tapes will benefit a great deal from the results.

I hope the 50 percent of non-returned forms was due to the lack of enthusiasm for doing hard, time-consuming, brain-racking work, and not just plain, old, student apathy. I can understand how 15 yes-no type questions could pose a problem to some students.

For those of you who managed to answer these questions, I express my appreciation.

William W. Grudice Mary Polanik '76



# On Physical Education Requirements

Editorial

## ABOLISH IT NOW

Thursday the faculty will vote on the abolishment of physical education requirements. It's important that faculty realize how the students feel—a vast majority wish it abolished. Also it is time everyone realized that WPI, at that point in its development, is past the stage of requiring a student to take phys ed classes. The very idea seems absurd in relation to the philosophy this school stands for. The time to abolish phys ed is now.

Many people worry about the phys ed facilities, staff, and-or other departments (humanities). These things idealistically should have nothing to do with phys ed abolishment. The problem itself must be solved before the ramifications can be addressed. Certainly the department will have to revamp its courses, but this should improve their program and add to the school. Also, phys ed cannot be related to the humanities in any way. By their very nature they are incomparable—the idea that an intellectual college-level course may be compared or related to phys ed is ludicrous. After all, we all came to college primarily for an intellectual education.

At this time, as Mr. Pritchard tries to recruit students to speak for Phys Ed at the faculty meeting (a fact), we urge the faculty to recognize the stage of development at WPI, the opinion of the students and the intellectual necessity to **ABOLISH THE PHYSICAL EDUCATION REQUIREMENT.**

SCP  
GFP

### PUB Hours for Intersession

12 - 2 4 - ? during the week

The length of hours during Intersession depends on the support of the WPI community.

### The following are the new members of Epsilon Upsilon Pi Honor Society:

John T. Balint  
Francis D. Dugrenur  
Gary Pontbriand  
Robert C. Simon

## Some Thoughts on Requirements

Several years ago, after Dean Downing suffered a crippling stroke, the administration and faculty of WPI became alarmed at their lack of physical condition. Free annual physical examinations were made available and we were encouraged to take advantage of the offer. A "Phaculty Phitness" group started doing calisthenics and playing volleyball under the direction of the Physical Education Department. As we got busier and busier, and as our memories faded, the group gradually dwindled to a point where there were not sufficient people to carry on a volleyball game with four people on a side. Recent efforts to re-establish such an activity have met with no success.

This weekly game was great fun and fellowship for quite a while. Of course, it was never compulsory, but the group was well-motivated and enjoyed their physical activity. When the pressures of department meetings, committee meetings, etc. built up and made the situation inconvenient, many (almost all) put higher priorities on other activities and the weekly volleyball game died.

Of course, students who need physical education activities are not like faculty and administration people. They, recognizing their needs, will satisfy these needs regardless of inconvenience. If we will only make physical education voluntary and make the courses attractive enough, students will flock to the gymnasium to participate. Those who need it most, recognizing their very great need, will be first in and last out.

The philosophy for making physical education optional comes, of course, from the "spirit of the Plan". A student, under the Plan, is encouraged (required?) to plan his own education; with, of course, "advice" from his advisor.

Since he and his advisor both realize that the mind doesn't function without the body, they will both agree to include physical activity in their plan.

probably some of those attractive physical education courses at WPI. But, if the student just doesn't care for physical education, need or no, then the program can exclude it. Highly desirable and badly needed as the physical education may be, the program should be valid without it. After all, the education plan is the student's responsibility and he should not be required to include something he doesn't want in his plan.

Continuing that "spirit" into other areas, we find a number of students reluctant to sign up for projects. Not just because they dislike projects, but because they want to elect a number of interesting courses and they haven't time for both. Now the Faculty of WPI (the writer included) looks upon projects as a great way of learning - a real educational tool. But there are some students who want to get their education from structured courses. They feel that they will do better that way. Since we know better, we feel it necessary to require each student to work on at least two projects. Of course, if we made the projects voluntary and attractive enough (as we would physical education), students would flock to the projects to participate. And those who need projects most, recognizing their great need, would be first to register and last to leave the project area each night.

We might consider the extension of this "spirit" into the area of the Humanities. Yes, the student needs it, but, no, he doesn't want it - therefore, since he is planning his program he should be allowed to leave it out. I find myself unable to recommend such a course of action with regard to Humanities, though. After all, we are trying to educate students to be humane engineers and scientists - and we have to have some requirements, don't we? As long as they are in the "spirit" and give the student total control of his educational plan.

Roy F. Bourgault  
Professor, Mechanical Engineering

No college should abandon physical education. A balanced educational program must offer opportunities for physical as well as cognitive, affective and ethical development. However, there is every reason to drop the requirement of physical education.

A truly academic degree need not pretend to certify any physical proficiency on the part of a college graduate. This certification is a public matter; physical development is ultimately a personal, private matter. Individuals may ignore their bodies at their own peril, but they do so at no one else's peril. A free institution ought neither to prohibit nor require individual behavior that has no direct effect on the welfare of other individuals. Virtues such as coordination, balance, stamina, grace, determination, health - all aims of physical education - are much to be valued and desired, but they are personal and not public virtues.

To require physical education courses, either as a means of exposing students to sports or in hope that some proficiency might occur, seems only to lead to a good deal of grudging course attendance, perfunctory participation and perhaps even some uninspired instruction. Under the best conditions, physical education courses will easily be able to compete freely for student time and interest. A required course, on the other hand, works like a subsidy, only sustaining something whose value has diminished for the student.

Considering that varsity teams had 342 members last year, club sports had 227 members, and intramural teams had 1402 - none of this participation required - it would surely seem that a great many WPI students freely choose many forms of physical activity. Indeed, many students continue to ask for an even greater variety of athletics. Among our women this is especially true, for they are a minority whom we have not served very well at all.

To go further, given the encouraging evidence of popular aquatic and racket-sport offerings, it would be easy at WPI to develop a truly imaginative, wide range of athletic programs emphasizing the many values of physical development. Some of these values are obvious: self-respect, competence, pride, teamwork, social recreation, stamina, survival, health and aesthetics. But conventional offerings are sound, including club sports and the standard life-time sports. However, consider how much more comprehensive the idea of physical education could be:

Body orientation: swimming, diving, gymnastics, tumbling, parachuting, gliding, dance, mime, drama

Distance motility: hiking, skating, climbing, skiing, snowshoeing, bike-rallies

Self-defense & self-control: boxing, wrestling, judo, karate, other martial arts and the Eastern physical disciplines

Reflex conditioning: hand-tool dexterity, coordination, balance, posture, grace

Practical physiology: human sexuality, physical development, the aging process, preventing the later killing illnesses, self-preservation from trauma, water-safety, eye-care, tooth-care

Nutrition, energy and rest: food, exercise and sleep

Physical responses to drugs, alcohol and tobacco

Survival: hunting, food-gathering, small-group agriculture, shelter construction, archeology

Although we now lack a capability for instruction in many of these areas, some budget-revision plus short-term appointments of specialized adjunct instructors and consultant-trainers could economically meet many of these instructional needs.

Now is the time to anticipate new directions and new models for physical education, whether or not the faculty wisely decides to replace the physical education requirement with the force of imagination, persuasion and example.

Donald P. Reutlinger  
Dean of Student Affairs

## Open Letter to Faculty Stu-Gov. Speaks Out

As representatives of the student body, we, the Executive Council of the Student Government, appeal to the faculty to abolish the Physical Education requirement. It is our feeling that the gym requirement does not harmonize with the goals and philosophy of the WPI Plan. One goal of the Plan is to allow the individual to think for himself, recognize his own capabilities and limitations, and deal with problems in a realistic and feasible manner. Instead of forcing students to take one-third of a unit in gym, why not allow students to decide for themselves whether they want or don't want gym. If a student has an interest in a particular sport, he will take advantage of the course offered by the Physical Education Department, but the option should be his.

There is no need to require Physical Education. On campus, students can participate in intramural sports and use the gym facilities for their own benefit. Several undergraduate schools have already dropped their gym requirements. In some cases, the demands for a physical education course is greater than the class size limit. It is time to improve the Physical Education Department and the first step should be the abolition of the gym requirement.

The Executive Council of Student Government

## Sir Morgan's Cove

Make your reservations now for

## 'A GAYLA NEW YEAR'S EVE PARTY'

All you can eat and drink for \$30 per couple.

139 Green St.  
Worcester

753-4376

ID's Required

Is this any way to run a paper, you bet your ass it is!



# Baccus, Who Are You?

by John FitzPatrick

Who is that damned Baccus? Rumors have been floating around that his identity is soon to be revealed. This could be the biggest unsolved mystery since Watergate (a long time waiting).

Not content to wait any longer, I made my tracks toward Boynton Hall. Before I ever made it out of Daniels, I bumped into my first suspect — Julius! What an expert disguise, I thought. No he couldn't be —

Walking through Boynton, I stumbled up a few other possibilities. For instance, I noticed a serious meeting taking place between Dean Brown and Social Chairmen Rubino and Young. Could Baccus be three people in one? No chance! As it turns out all three have been losing many a night's sleep trying to unveil Baccus for themselves. Moving down the hall I exchanged a few words with Roger Perry. Evidently he's willing to buy Baccus from Newspeak and add him to the Monday Memo staff.

Upstairs I discovered the one and only Mr. Heselbarth, fiddling with his cash box. Behind those glasses and that pipe could there be more than just National Defense Loans and Work-Study — Baccus! My suspicion was short lived — where would he get the money to buy a pen?

Before leaving the premises, I made a visit to observe my number one suspect (according to student opinion) — President Hazzard. Who would believe that Baccus could have the number one smile on campus? Weighing my desire to remain in school, I erased this possibility completely. (On second thought!)

The next day I received an anonymous tip that I might catch a glimpse of Baccus in the Highland St.-West St. phone booth at noon time. Stationed inside Tech Pharmacy, inconspicuously hiding behind this month's Penthouse (pages 96 and 97), I noticed a strange-looking character with glasses sneak into the booth. I quickly made my way across the street and waited outside the booth. In a few minutes the stranger turned around and stepped out of the booth — Dean Trask??? After asking him what he was up to, he replied that he was doing some early soliciting for next year's marathon basketball game. As it turns out, he was re-booking the Playboy Bunnies and making a special request for "better ones than this year's".

An unreliable source led me to Professor Pritchard. The story goes that the "Head" of the Physical Fitness Department "gets high on drugs, not sports". When hitting his peak highs, he reveals his real self in the form of Baccus. The NCAA has chosen to let the situation slide.

Having little success in my investigation, I went for my dictionary. According to Webster, Bacchus (note the different spelling — a cunning disguise of course) was "an ancient Greek and Roman God of wine and revelry." That's all I needed to know. Baccus has to be none other than Olie. Who would have guessed? Better yet, who will ever know?

Before closing my unsolved case, I polled a few students and as a result came up with a list of other possibilities. Perhaps Roy Astley uses Baccus to enhance his counselling services. Maybe Ralph Nader submits Baccus articles with his "In the Public Interest" column. Is it likely that Paul McQuade and the custodians put their heads together during coffee breaks and come up with Baccus? Bernie Dodge could be using the IQP Center as a facade. Don't eliminate Adam Taylor or Gordon J. Henley '75. Pleasant dreams, Baccus, and Merry Christmas. P.S. Two more STABS in the dark — Steve Page and Gerry Petit.

by Judy Nitsch

Have you heard the old saying. "If you want something done, ask a busy man"? Well, there's a new twist to that one and it applies to Mrs. Diane Dix: If you want someone to talk to, find a busy woman.

Diane is secretary to the Dean of Student Affairs, and her office, located on Boynton second floor, certainly is a hectic one. If you've never been through there or don't know anything about the Student Affairs office (is this possible?) you really should go there soon.

Although she's worked at WPI for almost five years, Diane admits she doesn't know everything about the place yet. Of course she's

willing to lend an ear to whatever one might have to say, whether it pertains to school directly or not at all. (She wondered if any of the kids here really knew or could talk to any of the WPI secretaries.) Her pleasantness and the office's atmosphere ("The coffee's always on") add to the attractiveness of a conversation with Diane.

You might have noticed her name when leafing through this year's Intersession catalog — Diane's teaching a one-evening course in cake decorating (full capacity already; sorry, fellows!).

One of the cheerleaders wanted me to find out if she minded being called 'Dixie'. Her reply: "I don't mind it. It sounds funny coming from anyone but Dean Trask

though!" Speaking of the cheerleaders, word got to them a while back that Diane thought they needed help. Consequently, she got invited to a practice, was glad to give some advice, and hence has been invited back again. I understand the cheerleaders enjoy their new unofficial advisor too!

When asked about the girls at WPI (since Diane arrived here the same time the first coeds did) she replied that she didn't see them too often, and, when she did, it had to do with a school affair or business. She wishes she could get to know more of the students here. Her last comment? "P.S. Stop by and say hello." You may even run into someone else you'd like to talk to on your way over!

## THE WPI PLAN IS THIS ANY WAY TO RUN A COLLEGE

### Hearing Board

The Campus Hearing Board recently found a WPI student guilty of violating Section C of the WPI Campus Code. Section C states "We desire that the goals of WPI, its property, and its educational process be neither infringed upon

nor hindered." The student admitted tampering with machines in Daniels, and was found guilty of property offense and personal offense to student users. A fine was imposed and consisted of time to be worked off in relation to the

game room.

Damage to mail boxes, including being picked, broken, and doors being removed, has prevailed throughout the school year. Tampering with the mail in this way or with its medium of delivery is a Federal offense.

## Search for Head of New Department of Applied Social Sciences

The Student Government has been asked to nominate three students to the Search Committee for the position of Head of the new Department of Applied Social Sciences at our "very earliest convenience." The attached sheets describe both the Search Committee and the new Department of Applied Social Sciences.

In order to properly publicize the opening I feel that we should hold nominations open until next issue Newspeak. Please start looking for some possible nominees and we will decide on our path of action at our next meeting, which is Thursday, December 13, 1973 at 7:00PM in the Student Government Office. If you can't make the meeting please let me know and I'll be a proxy.

We will also be discussing a follow-up of our meeting two weeks ago. Please invite any student who might be interested.

SOCIAL SCIENCE AT WPI

October 30, 1973

#### Introduction

The WPI Plan for the undergraduate education of scientists and engineers has social science as an essential part of the process. Students are expected to develop an understanding of people and social forces as basic ingredients in applying their technical knowledge to the solution of human problems.

To Achieve such understanding at an institution where the humanities have only recently acquired substantial status is a major challenge. Yet such achievement is essential to the success of the WPI Plan and could establish patterns for replication nation-wide. With the aid of a knowledgeable visiting committee the following plans for social science at WPI have been developed.

#### Department of Applied Social Science

While this may not be the final name of the department, it does indicate the thrust. Economists could be members of the department, but a critical dimension will be provided by members of other social science disciplines. Initially 3 or 4 new staff positions are anticipated, with further growth dependent on student interest, educational need, and institutional resources.

The kind of social scientists sought are those who work at the boundaries between technology and other areas of human endeavor — political, psychological, sociological, bureaucratic. Specific educational background is not as critical as interest in the interfaces. Perhaps an undergraduate degree in engineering or science followed by graduate education and experience in urban sociology or public administration could be typical.

The Department of Applied Social Sciences will be an undergraduate department offering basic courses in its fields and participating in interactive projects. It will be responsible for the existing major program in Economics and other programs that might be generated from courses normally given by the faculty of the department (e.g., a program called "Social Science and Technology" similar in philosophy to our existing Humanities and Technology program).

The interest of the Clark University and Holy Cross College departments of sociology should provide extensive colleague relationships as well as opportunities for graduate teaching and thesis direction. Potentially a joint department could develop to the benefit of all.

#### DEPARTMENT OF TECHNOLOGICAL (ENGINEERING) MANAGEMENT

October 30, 1973

Education leading to the management of technical groups in industry and government, or the management of complete high-technology companies, will continue to be of major importance to WPI students and their employees. Especially important, as indicated by outside advisors, is a focus on "productivity" or "manufacturing engineering" in addition to administrative and business techniques and information. Thus we would expect to combine processing and process development, production equipment design, automation concepts, and industrial engineering with areas of management, administration, and business operations such as research, finance, marketing, organizational behavior, accounting, data processing, economics, and others.

Because the department embraces a variety of skills rather than a single discipline, it will tend to be a coupling between engineering on the one hand and management-business on the other. New faculty members to be sought over the years would complement existing competence and emphasize expertise in the buildup of digital control systems, materials handling, quality control, statistical modeling, optimization, or management information systems.

The department would place its emphasis on (1) undergraduate programs in manufacturing engineering, quantitative management, business and entrepreneurial management and (2) the masters program in management science and engineering. Staff in the department would also have responsibility for the School of Industrial Management as well as other manufacturing, management of business programs of a non-degree nature.

December 5, 1973

A statement from Dean Bolz follows.

Charge to Search Committee for Head of Department of Applied Social Sciences

To recommend at least one candidate to the Dean of Faculty for the position of Professor and Head of the Department of Applied Social Sciences. Any person recommended should be a top flight social scientist interested in problems at the juncture of science, technology, and public policy. He or she should be relatively senior and be able to deal as an equal with the members of the Worcester social science community, to communicate with the technical faculty, and capable of building a group in the Applied Sciences interested in working on real problems and able to work with science and engineering faculty and students.

Some thought should be given to attracting candidates not from particular disciplines, but rather from particular areas of interest. There are social scientists interested in housing, environment, health care, the administration of justice, transportation, energy and so on. Priority should be given to those areas in which WPI has technical faculty with comparable interests.

For assistance in selection and for advice from professional social scientists the Search Committee will have available Professor Edward Sampson, Head of the Department of Sociology at Clark University, any faculty member of that department at Clark and Dr. James Davis, Professor of Political Science at Washington University. Further, Professor David Riesman has agreed to offer his advice on any serious candidate that the Search Committee may wish to discuss with him.

The brief description of the Department of Applied Social Sciences which was appended to the faculty notice of November 30 is attached for reference.

December 3, 1973

#### Search Committee for The Head of The New Department of Applied Social Sciences

The following procedure for the formation of the Search Committee has been devised by the Committee on Governance working with the Dean of Faculty.

- 1) The Interactive Projects Committee is requested to elect one member from that committee to serve on the Search Committee.
- 2) The Integrative Studies Group is requested to elect one member from that group to serve.
- 3) The present Department of Economics, Government and Business is requested to elect one member (excluding the Department Head) from that department to serve.
- 4) One member of the Search Committee will be designated by the Dean of Faculty in consultation with the Committee on Governance.
- 5) The Student Government is requested to nominate three students one of which will be chosen by Dean Reutlinger to serve on the Search Committee.
- 6) Two outside consultants will act as part of the Search Committee to advise the committee and the administration on the quality of candidates as social scientists.



# Blast Rips Goddard

by Jon Anderson

Last Tuesday at about 11:20 a.m. an explosion occurred in a Chemistry laboratory on the second floor of Goddard Hall. Two graduate students were injured in the blast which did extensive damage to the lab. James Guerrero, age 27, sustained serious damage to his hands. He was taken to City Hospital and is currently being treated in the Intensive Care Unit at that hospital.

Victor Lo suffered cuts on his neck. Drs. Bushweller and Dublos took Mr. Lo to

Memorial Hospital where he was treated on an out-patient basis.

The injured students received quick attention from students who were working in surrounding labs. Steve Hoogasian placed a tourniquet on Guerrero's arm.

The explosion was heard several blocks away by Dr. Hensel's wife.

The explosion is thought to have involved organic perchlorates. Further details of the accident are currently being investigated.

# IFC

## TKE

WPI Tekes held our annual retreat this past Saturday, December 16, in Millville at the home of a brother. For the entire afternoon, the brothers enjoyed good fellowship, as we discussed our expectations for the new year. Many good ideas were exchanged and all came away with a better feeling for the meaning of our brotherhood. Later Saturday evening, the brothers held a quiet wine and cheese party in our newly refurbished living room.

The brothers of TKE would like to thank SAE for a great hockey game, on Monday, December 10.

In another area, TKE's Tom Bower bowled a high game of 212 for our bowling team this week.

# Corner

## Phi Sigma Kappa

Last week, PHI SIGMA KAPPA held elections for house officers. Congratulations to the following new officers: president, Thomas Socha; vice-president, Paul Houlihan; secretary, Michael Loveridge; Alumni chairman, Robert Brennan; Co-treasurer, Gary Mezynski; Rush chairman, Michael White; ass't Rush Chairman, Thomas Corey; Sergeant, Robert D'Orazio and Sentinel, James Bowen.

Also elected to the Executive Committee was James Albright. Jim will represent the pledges on the Executive Committee.

## Delta Sigma Tau

Friday night the brothers of Delta Sigma Tau held a Christmas

party for some 8 to 12 year olds from South Worcester. All had cake, cookies and ice cream, with a sing-in of Christmas carols. Later in the evening the kids were surprised by Santa Claus with gifts for them all. Organization was by Don Lounsbury in cooperation with the South Worcester Neighborhood Center. Both the children and brothers enjoyed it.

Then Saturday was Alumni day with a senior-alumni drink-in. Many old faces were seen and good times remembered. Beer flowed freely. To top off DST's last week before Christmas, there will be a brothers and pledges party Tuesday night. It promises to be a good time.

# The Plan: Some Options

by Doug Knowles

Before anything else, an apology is due to the administration, and Dean Grogan in particular, for my past two articles. I stand firm on my criticism of the Plan, but there is no excuse for the attitude I held and possibly even inferred in my articles about Boynton. On December 13 I received a letter from Dean Grogan inviting me to discuss with him the problems the Plan has created. That letter provokes this apology.

As I said before, right now my opinion of the Plan remains unchanged. Newspeak has carried enough articles on seven-week terms, the grading system, etc., to get across what's wrong. Before the subject is beaten to death, it would be a good idea to direct the criticism in a constructive direction.

Seven-week terms have been the favorite target of many people for quite a while. An alternative in the form of ten-week trimesters has been proposed, and there's always that old stand by, the semester. Most of the advantages given for ten weeks stemmed from the fact that its longer than seven weeks (really), so at the risk of sounding too radical, I must admit I favor 14 or 15 week semesters.

The only real argument against semesters that's brought up with any consistency is finals. Finals aren't necessary, if they're all that bad, but handled correctly, they have definite advantages. Finals were the assurance that material was being retained, something the Plan has lost. And they really don't have to have the emphasis that they are renowned for. Consider fourteen week semesters with their more relaxed pace and with final exams devalued down to or below the level of regular tests. Under

which system would you enjoy learning more, grasp more material more completely, and retain it all better; seven, ten, or 14 (15) weeks?

IPI format courses are an excellent idea that need not much more than a few guidelines to keep things under control. Physics is an example of the need. The students correcting papers often don't really know the material as well as the person whose paper they are correcting, possibly because they're bombing through the course trying to finish enough units for a distinction. A few times in 1101, I had to fight being failed because the answer key was wrong and the student correcting evidently didn't want to bother going through how I got to my answer.

I also question the philosophy (in any format) that doing extra units; papers, or several hours tutoring or correcting is necessary or sufficient for a distinction. If a student gets an accurate grasp of all the material covered by the instructor, he's either done enough for the grade or he's been cheated out of material that should have been covered but was instead given as "extra." The deal that so many hours of tutoring equals a grade is grossly unfair. Some of the students who have corrected my physics assessments have a grasp of the subject that goes no farther than the answer key. Students who have conflicts restricting them from working as tutors lose out.

I submit for discussion that the Plan places too heavy an emphasis on projects. The idea itself is far and away the strongest point the Plan has going for it. I only suggest that in a few years the faculty will have projects running out of their ears and the time they are able to spend supervising and evaluating will be small in comparison to the importance placed on them.

The last, and by far the touchiest area to be considered is the grading system. It is in this area I have found the greatest conflict, possibly because we all want our records to look as good as possible, naturally. However, the people who are going to be going over your transcript and what they think of whatever grading system is used must be considered.

Whatever grading system is used, it must be easily interpreted by a potential employer or grad school, or they won't bother to take the time to decipher it unless something about you impresses them. A modification of the old system is much to be preferred over the Plan. Your two extremes are pass—fail or the good old QPA. The first is too vague, as far as grad schools and recruiters are concerned. The latter system is

condemned for its emphasis on the Almighty Grade. Yet anything in between is merely going to combine the problems.

The present grading system was intended to tear the student from his attachment to grades. The result was that we've rerooted ourselves the position that we'll work only as hard as necessary to get the best grade available to us, usually an AC. The problem lies not within the system, but within our own attitudes, and in searching for a way to hide our faults, WPI has given us a system which already is being eyed with some suspicion.

As far as the NR grade goes, one thing amazes me: What are you so afraid of? Are you flunking so many courses that you have to hide it? If so, shouldn't you be asking yourself if you really belong here?

Are you trying to hide one flunked course? If there was a reason, say so and quit hiding. If not, quit hiding anyway. Are you really unwilling to face the consequences of your own failure?

Maybe you're just trying to learn instead of hunt grades. One question might be, if you were there to learn, why was everyone else there and why did you flunk? If your philosophy is to learn what you want regardless of grades, don't you have the courage of your convictions to show the failures and give the reasons? Or are you just hiding behind the nearest excuse that sounds good?

The point I'm taking so long to reach is that these questions may be going through the minds, if not the mouths, of the people who will be looking over your transcript when you get out of here.

I admit that grades as the only incentive to learning is a poor philosophy indeed, but from what I've seen under the Plan, the way to solve that problem would be to work up some more inspired incentive, not to remove what's there now.

Consider that an argument against negotiated admissions, too. Tech has opened the door to anyone who wants to get into this school for the wrong reasons.

These are some ideas for directions that WPI might look towards in searching for a solution to some of the Plan's problems. They are close to the farthest things from flawless, but I'm not asking Tech to put them into practice next term. I'm asking that everyone concerned read them, think about them, and let them help generate new and better ideas. The only way to find a solution to the Plan's problems is to look.

My mailbox is still 2490 and there's plenty of room in it for anything short of letter bombs and wisecracks from Baccus and Deb.

# IFC Marathon Game Donors

Nature Food Center  
Windsor Button Shop  
Hip Bone Boutique  
The Ivy Shop  
Kennedy's  
Merle Norman Cosmetics  
Anderson Little Co.  
Angelo's Barber Shop  
DeMichele, Inc.  
L.A. Hastings Co.  
Mark Inc.  
Kranich Bros. Jewelers  
Charles Kay  
Charles Beam  
Coughlin's  
Charmin  
Miles — Crystal Rug Co.  
Dave & Georges Exxon  
Maure City, 209 Belmont Hill  
Belmont Citgo  
Imperial Products  
Meehan's Bottled Liquors  
Main St. Package Store  
Eastside Package Store  
The Beer King  
Summer St. Package Store  
Freudy's Bottled Liquors  
Hanlon's Men's Store  
Fallman Camera Shoppe  
Fred Astaire Dance Studio

Can Do Shop  
Brooks  
Midland Records  
All American Sportsworld  
Toy & Hobby Shop  
Alony Opticians  
Zayles Jewelers  
Pauquett Mobil, Park Ave.  
Park Ave Mobil  
McFee & Newton Mobil  
Dick's Arco Service  
B.V. Arco  
Ralph White Ski Shop  
Strands Ski Shop  
W.H. Roadstrum  
William Paul House Restaurant  
Seven Kettles  
Ziff Paper Company  
Trippy's  
Colgate Palmolive  
Tammany Hall  
Toomey Rentals  
W.P.I. Bookstore  
Sharfman's  
Dream Machine  
Weintraub's  
Radio Shack  
Lincoln Plaza Lanes  
Howes Farm

Zayre's  
The Cheese Shop of Worcester  
Beau Britches  
The Fabric Center  
Steeple Bumstead  
Kemp's  
J.T.'s Steakhouse  
Abdow's  
Papa Gino's

R.H. White's  
Grove St. American  
Shrewsbury American  
Falcone's Getty (next to Spag's)  
Fanny Farmer  
A Friend  
The Class of 1974  
Coca Cola  
Polar Cola  
Economy Pain Supply  
Turnpike Pharmacy  
Faddail's China Shop  
Alpine Ski Shop  
Modern Mobilia  
Riccotti's  
University Camera  
Spag's  
Tile World  
Cocke & Kettle  
Clairol  
Charles Restaurant  
Dino's  
El Morrocco  
Consolidated Beverages  
Narragansett Brewing Co.  
Atlas Chemical  
The "B"  
Leitrim  
George Lamoreux & Co.

Amoco B Plastics  
Auto Tech  
Gas Light Rest.  
Old Mill Rest.  
Steak & Brew  
WPI Snack Bar  
WPI ROTC Dept.  
Spree  
Sawyers  
Summit Shop  
Howard Johnsons  
Jim Dandy  
Cinema III  
Dunkin Donuts  
Gourmet Gallery  
Morse Shoes  
Worcester Music Co.  
Anonymous  
And Many, Many More!

## SHOWCASE CINEMAS 12

Our Christmas Films

Newman & Redford

**THE STING**

Walt Disney's

**ROBIN HOOD**

Jonathan Livingston's

**SEAGULL**

McQueen & Hoffman

**PAPILLON**

## CINEMA 1

Clint Eastwood

as Dirty Harry in

**MAGNUM FORCE**





# Rolling with DEB

Dear Deb,  
Why does even the best homegrown not smell as spicy as even the worst weed from south of the border?

Dealing in Daniels

Dear Dealing,  
Who sez it doesn't? Besides, are

you supposed to smell it, or are you supposed to smoke it? (Remind me to stay away from parties in Daniels this year — all they do is sit around smelling their dope. Great fun, eh?)

Deb  
P.S. If it's spicy you want, try oregano.

Dear Miss Deb,  
Could you please shed some penetrating light on the AMC pseudo-purity issue? They need you.

F. Grunt  
Dear F. (If I may be so personal)  
The only thing those "girls" from AMC need is some penetrating vaginanalysis (it's kind of like analysis, except for a different approach.) That, and to get good and stoned.

Deb  
Dear Ms. Deb,  
You wanted to hear from your fellow party-ers on what goes on at the parties. Well, it's Saturday afternoon and a bunch of us are sitting around our apartment getting stoned and recovering from our party last night. At which, we tapped the keg, snorted too much coke, inhaled too much pot and hash, and finished with SoCo and

the destruction of not only the keg, but our over-worked techy minds. A live band, playing blues and rock, plus a stereo, kept our minds from wandering back to the slide rule and computer (what ever did happen to the doorknob?). This may sound like a typical techy blast; however, the calming influence of a group of charming young ladies kept the party at a decent level of insanity. 'Nuff said and always remember "smoke bien."

Yours truly burnt,  
Assassin of youth  
P.S. I couldn't dig those rowdy, drunk techies guarding the stage Tuesday nite. Thanks alot.

Dear Assassin,  
What did you say your address was?

Deb  
Dear Readers,  
It's time for the great revelation! (The album contest answers, I mean) Here's the official version.

The album was Firesign Theater's "How Can You Be In Two Places At Once When You're Not Anywhere At All."

1) Ralph Spoilsport's dealer ships are located in a) Em-

physema, b) West Gommorah Junction, c) City of Fine Music, d) Tierra del Fuego, e) West of Balbec.

2) Mr. and Mrs. Smith got a quarter for his cough (it wasn't much of a cough).

3) You mean Nancy? (Melanie Halser was a typo — it should have read Haber, as you all pointed out).

4) Fantastic Cigarettes are, "long in the leaf and short in the can."

5) Which pyramid is opening up? The one with the ever-widening hole in it.

6) Lily Lamont works for Paranoid pictures (it says on the back of the album jacket).

7) The Isles of Langerhaus are in your pancreas (really!)

8) Pyramid Patchouli — there's only one joker in L. A. sensitive enough to wear that scent — Rocky Rococo.

9) Rococo had to split his key with the sound effects man ("Thanks, Rocky")

10) Lt. Bradshaw's name (according to independent experts) is Harry Aim.

EXTRA CREDIT — George Leroy Tirebiter (on the album, "Don't Crush That Dwarf — Hand Me The Pliers") tried to call Nick's Pizza, but instead is connected with Nick Danger, on this album.

Unfortunately, nobody got the answer to #7, so nobody wins, but by the time you read this, everyone who entered will have received a consolation prize from Miss Deb. The prize suggestions ranged from one ounce of Colombian (whew!) to a pizza to go with no anchovies. One entry suggested a box of great clusters (but didn't specify buttered or not).

Thanks for your entries — we're whipping up a special Intersession column for you — barring energy crises, and all that. Good luck with finals, have a nice holiday, and...



— Christmas dinner,  
juice and soggy cold plates a la carte —

## FOOD COMMITTEE MEETING

by Bruce Minsky

The food committee met on December 12, and the following major topics were discussed.

### 1. Christmas Dinner

Christmas Dinner will be served Wednesday night, December 19.

### 2. Grapefruit Juice

Along with orange juice, grapefruit juice is being dispensed by the machine adjacent to the toaster.

### 3. Soggy Cold Sandwich Plates

In response to numerous complaints, the committee is devising methods to improve the quality of the cold-sandwich plate. One suggestion was to remove the peaches from the top of the sandwiches. Other suggestions are welcome via food comment slips.

### 4. Coffee

Mr. Hiza stated that he is aware of the execrable taste of the coffee and is checking other brands.

### 5. Milk

The deficiency of chocolate and skim milk on certain days is accountable to the failure of the milk companies supply. Mr. Hiza is arranging to have deliveries occur on a more regular basis.

### 6. Ice Cream

The practice of taking three or four ice cream sandwiches has increased considerably, therefore the committee decided the best remedy would be to dispense them off the food line.

Ever had sex with someone you just met that night? (10)

Ever lie to your folks about where you've been or who with? (7)

Do you smoke cigarettes? (1)

Do you drink? (2)

Taken downers or uppers or both? (6)

Smoked pot? (3)

Ever tripped on LSD? (8)

Ever done cocaine or shot up speed or horse? (10)

Ever have sex without any precaution against pregnancy? (8)

Ever wake up and not remember where you've been or what you've done? (8)

Ever been busted for possession of pot? (6)

Ever been busted for possession of hard chemicals? (10)

7 or under — Innocent And Unaware

8 to 14 — Pure As The Driven Snow

15 to 24 — Normal And Decent

25 to 30 — Passionate And Heading For Trouble

30 to 45 — In Trouble And Getting Messed Up

45 to 55 — Messed Up But Salvageable, Maybe

55 to 65 — Condemned. Either you are a damn fool or you have freaked out completely and are no longer responsible for what you are doing.

by Ralph Nader

WASHINGTON — When a group of Republicans, Democrats and White House lobbyists piled up behind Senator James Allen's (D. Ala.) filibuster to defeat the Presidential campaign finance reform amendment this month, they made clear to the voters that it will take more than the massive Watergate corruption of big money in politics to get big money out of politics.

David Brinkley once called large campaign contributions disguised bribes to get politicians to support the donors' interests. And he spoke months before the seemingly endless admissions by corporate executives of illegal funds finding their way from corporate treasuries into the recent Presidential re-election campaign. A combination of shakedown by zealous Nixon aides of company officials together with business bribers wanting favors, contracts or dropping of law enforcement actions has turned the present Administration into the most corrupt in American history.

But such campaign contributions and their abuses are not limited to the Executive branch. Corporate and some union funds have flowed with cynical and manipulative intent to the Congress for years. Such funds, increasing mightily with every election, are crucial in entrenching incumbents against their challengers. Common Cause reports that special interest groups contribute three times more to incumbent Congressmen than to their challengers. Well they might for the lawmakers have more to offer them in return.

This latest attempt to reform campaign finance looked promising in November before a plurality of the Senate lost their

nerve a week later. On November 27, the Senate passed by a vote of 57-34, an amendment to the debt-ceiling bill for public financing of both Congressional and Presidential elections. It was in partial accord with a Gallup poll that showed 65 percent of citizens surveyed favoring public financing of campaigns. But it did not go as far as the majority polled who wanted to ban private contributions completely. The amendment permitted small private contributions in addition to public financing.

But acting House Ways and Means Chairman, Al Ullman (D. Oregon) refused to have the House conferees meet with the Senate conferees to work out a compromise on the campaign spending amendment. Previously the House had passed a debt-ceiling bill but no campaign finance reform. Instead of meeting in conference, Mr. Ullman got the House to pass the debt-ceiling bill again without any campaign reform. He had the blessing of many House members who did not want to go on the public record against campaign finance reform.

This newly passed House debt-ceiling bill required Senate action to pass the legislation once again, with the campaign finance reform amendment included. At this point, Senator Allen, who is not closely monitored by Alabama voters, started and won his filibuster with a large number of silent allies and backroom lobbying by Mr. Nixon's men.

By the day of the final vote on December 3rd, all that was left in the amendment was (1) public financing of Presidential primary campaigns on a matching basis for candidates who could raise at least

\$100,000 of private contributions under \$100 or less; (2) a limit of \$3,000 on pre-nomination contributions from individuals or groups; (3) a ban on private contributions to candidates of major parties during the general election period unless the \$1 tax checkoff system failed to raise the maximum spending limit of \$21 million for each qualifying Presidential candidate.

Precisely what can the American people do now to end the buying of elections? First they can take note that the members of Congress are feeling enough heat to be promising one and all that they will pass a bill early next year. Even willful Congressman Wayne Hays (D. Ohio), who has delayed or opposed campaign finance reform in recent years from his powerful position as Chairman of the House Administration Committee, has pledged to report a limited bill out by February or March.

Piecemeal reform is not enough, however. Too many scandals have surrounded and corrupted the present system to permit anything less than basic and comprehensive change. Numerous members of Congress have confided that no other legislation would be more responsive to persistent and informed citizen action — from letters, telegrams, meetings, petitions directed to the men and women on Capitol Hill before it is renamed, "Withering Heights."

Good old Ann Landers has done it again. This time she's printed a "Know Thyself Sex Test for Teenagers" to challenge all our morals.

Instructions For Scoring: For each YES answer, give yourself the number of points at the end of that line. Add up the score and compare it to the Scoring Guide:

Ever been out with a member of the opposite sex? (2)

Ever been kissed? (2)

Ever been French kissed? (2)

Ever been kissed while in a reclining position? (2)

Ever been parked for more than one hour? (2)

Ever said "I love you"? (3)

Ever said "I love you" to more than one person in the same week? (4)

Ever made a member of the opposite sex cry? (3)

Has a member of the opposite sex ever made you cry? (3)

Ever removed some of your clothes while making out? (5)

Ever removed ALL your clothes while making out? (8)

Ever gone all the way? (8)

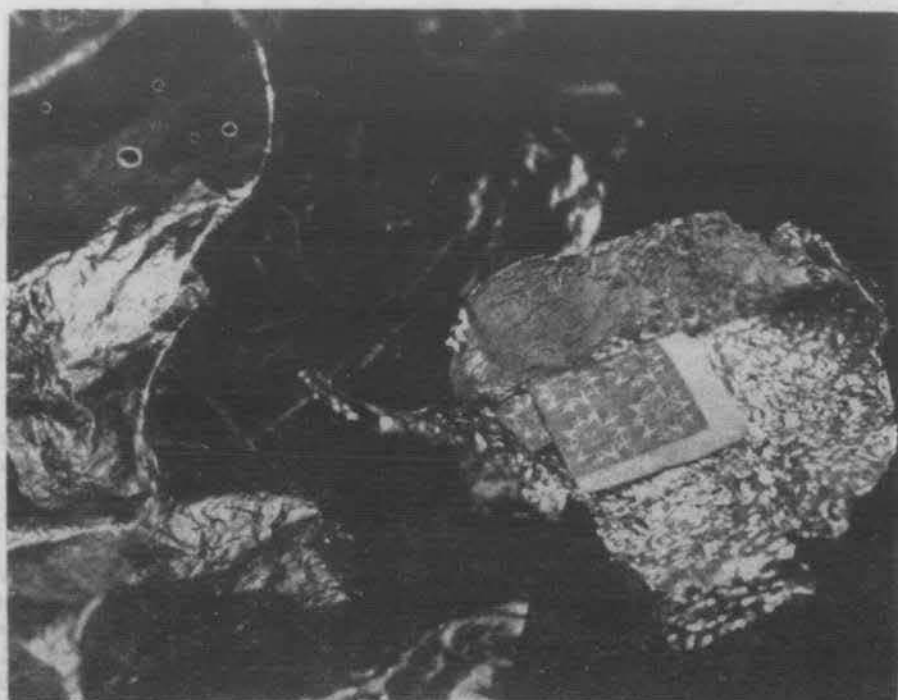
Ever had an abortion or been responsible for one? (10)

Ever been picked up by someone you never saw before? (7)



Come To  
Our  
Campus  
Snack-Bar





# Drug Se

## Survey Results

Last week the WPI Newspeak polled the undergraduate students concerning drugs. A copy of the questionnaire, which was mailed to all undergraduates, is printed elsewhere on the page. Nearly forty dollars was spent to duplicate and address the surveys.

The complete results of that poll will not be available until after Intersession. However, the results of questions five and six are tabulated below:

Total number of surveys returned: 707

	yes (per cent)	no (per cent)
Have you ever smoked marijuana?	433 61.25	274 38.75
Do you smoke now?	324 45.82	383 54.18

An interpretation of the data will not be attempted until the complete results are available.

The staff of the Newspeak would like to thank all the students who responded to the questionnaire.

The purpose of this questionnaire is to provide the WPI Newspeak with data on the type of drug used, frequency, and manner of use. None of the individual data will be made available for any purpose. We ask that you help the questionnaire by returning it as soon as possible. We have a sufficiently large number of surveys returned, the more valid responses, the more valid the results. If surveys are returned, we can knowledgely use them at WPI.

Please answer the following questions and return them to NEWSPEAK Box 2472 by Wednesday, Dec. 11, 1973.

1. Class: 77.....76.....75.....
2. Residence: Dorm..... Freshman.....
3. Major: .....
4. Are You On The Plan? Yes..... No.....
5. Have You Ever Smoked Marijuana? Yes..... No.....
6. Do You Smoke Marijuana? Yes..... No.....
7. If So, How Often Do You Smoke? Once a week..... Once a month..... More.....
8. Have You Ever Used Any Other Drugs? Yes..... No.....
9. If So, Which Ones? .....
10. Do You Presently Use Them? Yes..... No.....
11. When Was The First Time You Used Them? .....

Student's Name \_\_\_\_\_  
Box No. \_\_\_\_\_

## New Marijuana Studies Show No Long Term Ill Effects

(CPS) — Two studies on the long-term effects of marijuana and hashish smoking have determined that over a period of years, smoking pot has little or no ill effects.

The marijuana study, published last month by MEDICAL TRIBUNE, was conducted by Dr. Vera Rubin of New York on heavy pot smokers in Jamaica, during 1970 and 1971. Rubin concluded there are no ill effects — physically, mentally, or psychologically — from heavy pot smoking over a period of years.

Rubin studied 30 non-smoking Jamaicans, and 30 others who had smoked the equivalent of 17 joints a day for an average of 17½ years. A second team of researchers, who were not told which group was the control group, gave all the subjects various mental, physical and psychological tests. This team found that long term marijuana smoking does not: cause any changes in blood pressure or heart activity; show any evidence of brain activity changes induced by pot smoking; cause any significant personality differences between smokers and non-smokers; or produce any other mental or physical changes.

The study was financed by the National Institute of Mental Health (NIMH) with a \$158,000 grant, and

was turned over to the Institute in February, 1972. The fact that the report was not released until last month created speculation that the report had been suppressed. An NIMH spokesman responded saying, "That suggestion, if you'll pardon the expression, is BS." He explained the reason for the delay was, "because the press showed very little interest in it." The spokesman conceded, however, that if the report had concluded that marijuana had harmful effects, then "somebody high in the Nixon administration would have announced the findings the next day."

The hashish study was performed in Greece by Dr. C. Stefanis of the Athens National Medical School. Stefanis selected 31 men who had smoked an average of eight grams of hashish daily over a period of 19 years.

After subjecting the men to IQ, medical and EEG tests, Stefanis concluded there was very little evidence of medical changes in any of the 31 men. What little change there was, Stefanis speculated, may have been due to the fact that all the subjects were heavy alcohol drinkers and tobacco smokers.

Stefanis also discovered the wives of the subjects said they liked their husbands better when their husbands were stoned.

## Faculty Pen by Rolt

The use of marijuana has become a social controversy and all conclusive answers to the dangers of marijuana use have not yet been found. The proponents of the legal use of marijuana frequently are the users, whether they be teachers, lawyers, doctors, or other. Evidence shows the drug has both physical and mind altering effects and no medical value had been found for the use of it. Despite research and proof of its dangers, its abstinence will come slowly, if ever. This is evident. The use of cigarettes and alcohol has continued to rise, even though we know of the detrimental effects. So it is doubtful how effective educational programs will be in discouraging marijuana use. To those of our students who have not used marijuana or have used it to a minimal degree, it is well to remember Bismark's statement "only fools say they learn from experience; I have always contrived to learn from the experience of others." I am hoping you will think twice before taking the first step.

The decision is yours — as always. All of life is a series of decisions. Fortunately most daily decisions we have to make are of no great consequence. Most are decisions we must make between good or better. Few of our daily decisions are between good and bad, between worthwhile and harmful. However, we do run into those questionable or gray areas, the should we or shouldn't we situations? Such, is the decision youth faces on the use of marijuana.

In this discussion, I would like to confine my remarks to marijuana and hashish. Athletes, amateur or professional, would not use marijuana in an attempt to improve performance. They would use only amphetamines or steroids in an attempt to improve upon performance. In this quest for excellence, particularly the class level amateurs, these groups of drugs are inviting. A professional athlete, if he uses drugs, will probably resort to its use for other reasons. We know, for example, in professional football, those individuals who are likely to use drugs. We know this because of the specific positions they play and the physical demands placed upon them. However, there is no substantial research that shows one can improve athletic performance through drugs. One cannot improve through chemistry, a healthy well trained body. Clinical drugs do have an important place in disease and deficiency states when prescribed by a physician. But no one has proven that drugs can improve athletic ability.

Why does one take or experiment with drugs? The drug used mostly by college students is, of course, alcohol and its use is increasing — at some schools, up to 85 per cent of the students use alcohol in varying degrees. But I want to talk about other drugs, in particular marijuana, cannabis, or hashish. Drugs can give a sensual boost. Heroin especially can do this. We humans are pleasure seeking animals and we do many things that will titillate our pleasure centers. Many drugs do this, but often at too high a cost. Drugs do induce pleasure, intoxication, hallucination, sensual stimulation, or



they can produce sedation. These sought after feelings can also be accomplished through natural outlets, for example, the N.C.A.A. slogan "Get High on Sports". A college student, who is active, alert, enthusiastic, can feel all the above sensations through getting involved and interested in his courses, in projects of his choosing, in many extra curricular activities, publications, music, drama, athletics, athletic management or campus politics. An euphoristic feeling and a lift can be obtained through drugs. But how much better it is to enrich life through a wholesome activity than to erode it through drugs. If you are looking for an aphrodisiac, the best one to be found is exercise. Sexual capacity is increased markedly through exercise. But why do young people turn to drugs? It is usually because of peer pressure. It is introduced by a friend, because of boredom and apathy, the thrill of trying something new, the sensual feeling drugs can produce or in an attempt to solve a problem.

What are the dangers and potential dangers to a regular user of marijuana or hashish? Many





# Gene: WPI

## Survey Criticized

This question provide data for a which will drug use by class, uency and major subject area. I data for than for the surveys ou help questionnaire so that large more surveys that are alid them. Perhaps, if enough we can knowledgeably about drug

ne follow and return to WPI 1 by Wed. 1973.

...75... Fraternus... Commuter...

n? Yes... No...  
 kked Mar... No...  
 juana No...  
 You Smoke a month...  
 ... Once More than once daily...  
 d Any Other... No...

Use These... No...  
 Time Year? (month and year)

Dear Editors,

I do not know to what length you have discussed the possible ramifications of the drug survey that you are now undertaking but I believe that that should have been your foremost consideration before undertaking such a venture. The fact is that far too many of these surveys have been conducted over the past few years by persons who have not first considered the possible ill effects that their research would have on the segment of society that they were studying.

Several years ago a researcher did a study to determine whether or not black people were intellectually inferior to whites. His conclusion: that blacks were, indeed, intellectually inferior to their white counterparts. Although the majority of the scientific community has condemned his research and disagree with the validity of his conclusions, the misinformation that he compiled and the motive (reason) for his research cannot be excused.

As I look over your survey form I do not see questions that will enable us "to talk knowledgeably about drug use here at WPI" but rather questions that will enable the classification of individuals or groups on individuals by their drug use. Furthermore, I see no difference between the motive of a person trying to determine what faction of society is intellectually inferior and the motive of someone trying to determine which faction of the WPI community is more drug prone. It appears that both are trying to satisfy some inner need of their own at the expense of others.

More specifically, I feel that the information that this survey will provide the WPI community will be open to far too much misinterpretation. Suppose that the survey discloses the fact that 80 per cent of the drug use at WPI is by plan students. Would that fact be helpful or destructive to the student body? Suppose, again, that it is discovered that the majority of drug use takes place in the fraternities. What effect would the revelation of that statistic have on fraternity pledging? Would it be fair to each of the fraternities? Have you allowed any of your own prejudices to influence the questions on the survey?



These are the type of questions that I feel it is imperative to consider before conducting such a survey and the type of questions that I feel you have not considered. I do not doubt that your motives in putting together the questionnaire were entirely noble but it does seem apparent to me that you have not considered, in any great depth, the possible ramifications of the survey and the polarizing effect that it may have on certain factions of the student body. I would, therefore, request that you either cancel the survey or delete the questions which may have a negative effect on student relations on this campus. Specifically; questions that would encourage stereotyping of groups or individuals. I welcome your reply.

Sincerely yours,  
 William Zlatzic

## of W. Pritchard



that narcotic addicts that use uppers and amphetamines and and the speed freaks ing life style by using is in error to say uses marijuana will stepping stone theory ed on stronger drugs very strong evidence are drug addicts did Dr. Hardin Jones, ractor of the Donner at University of Berkeley, and Medical Physics and alders marijuana to angers drug. His its impact is far and insidious and that aged use results in sometimes invisible ge. New evidence M. A. Stenchever, Obstetrics and Chairman of that University of Utah, his research, indicate some damage, in- mosome breaking is his (marijuana) and rugs. Now, one ought about smoking pot if chromosomes.

Is cannabis addictive? There are disagreements on this, but cannabis users do evidence a buildup of tolerance and do exhibit withdrawal symptoms. It certainly is addictive psychologically and recent research shows it is addictive chemically. Daily users have difficulty in stopping. Marijuana acts primarily on the brain. In small doses it can produce hallucinations and in larger doses it can produce bizarre behavior.

The reaction of pot smoking varies with individuals, and has short lasting effects. Often there is a "bloodshot" appearance of the eyes, dryness of the mouth, irritation of the throat, increased blood pressure and heart rate. Usually there is an increased appetite for food. Sweets are sought after. Some marijuana users become drowsy. Not all users will have all the above reactions. Some of the short lasting psychological responses are a sense of well being, hilarity, a change in distance and time perception, a feeling of relaxation, and a tendency toward disruption of thought and speech. Cannabis has hallucinogenic qualities. Therefore, cannabis users, fascinated by these mental aberrations, are highly susceptible to the more powerful hallucinogenic drugs such as LSD, mescaline and psilocybin. A year or so ago, in a discussion with a WPI student, I learned he was hooked on mescaline. Despite hospital care, he told me he couldn't "keep his head on straight" and he was leaving college.

Dr. Hardin Jones reports that degeneration of the brain occurs with the use of cannabis. Among marijuana or hashish users, about half who take the drug daily are likely to be addicted. This heavy consumption, roughly equivalent to alcoholism, is associated with evidences of brain damage and irreversible changes after three years. The adverse changes from cannabis show up within less than a decade; whereas, with drinking, several decades of exposure are necessary to note mental damage. Additionally, cannabis actually accumulates in the brain. Alcohol does not. This is probably the reason why the sober alcoholic has some insight into his problem. Whereas, the sober cannabis user has none.

Marijuana users are usually passive, unlike the high volatile amphetamine user. The crimes they commit are apt to be petty thievery, unlike a violent crime of the amphetamine or speed freak. A marijuana user's problems and cares are milder than those of the heroin user. He just forgets to care about others, and often he doesn't care about himself either. He usually becomes unkempt, and isn't concerned about his health.

There is so much more to be said. My advice, and that's a bad word to use today, is before you start, or if you are on low usage now, think about the potential dangers. It is your decision, no one else's. What will it be?

Robert W. Pritchard,  
 Department Head  
 Physical Education and Athletics

## Past Marijuana Offenders Eligible for Record Sealing

Persons convicted for possession of marijuana before the Controlled Substances Act went into effect on July 1, 1972 will soon be eligible to have their records sealed, according to a law signed by Governor Sargent late Wednesday.

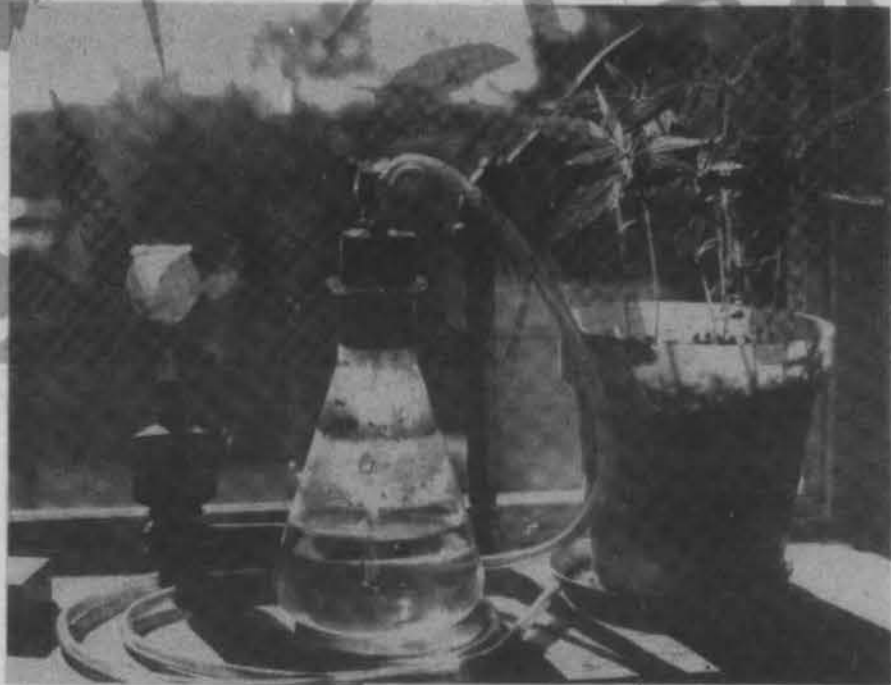
The bill, sponsored by Rep. George Sacco (D-Medford), is an effort to help pre-July 1972 possession offenders who now have a felony on their record. When the law goes into effect on December 28, persons who have no drug violation on their record except possession of marijuana may fill out a petition with the sentencing court whereupon the court will automatically seal the individual's record.

Rep. Sacco's bill accompanies another sealing provision passed

earlier this year which covers people who have committed crimes which are no longer crimes under new law. This bill applies to people convicted of drunkenness as well as being in the presence of any drug except heroin. People falling into this category may have their records sealed immediately by filling out the proper forms with the Department of Probation.

Once a record is sealed, a person has no record in the eyes of the public; when asked on employment or license applications if he has been arrested or convicted, he may answer "no".

With both record sealing laws, the individual must take the initiative to have his record sealed; the provisions do not apply automatically.





# Financial Forum

by Michael S. Martowska

In the "Financial Aid Policy", as it was published two weeks ago in the WPI Newspeak, it was stated "that the student will also make a maximum effort at self-help through saving from annual earnings and by accepting a just proportion of financial aid in the form of loans and/or term-time employment. Self-help includes all efforts other than drawing on college scholarship resources." The opening sentence contains the phrase, "college financial aid is designed to help to equalize educational opportunity..."

With such a philosophy and such a policy, which I agree with and believe most students at WPI agree with, how can WPI justify giving a student a package that meets his need in full by scholarship? If WPI could meet all student need in this way, there would be no problem. However it is a well known fact that WPI does not have such scholarship funds available. It can't even meet student need by way of loans. Thus, for one student to receive scholarships covering his entire need, another student has to receive less scholarship aid, or perhaps none (including students with greater need). I wonder if that is why it says "to help to equalize" rather than "to equalize", for the latter implies two students with equal need would receive equal financial aid packages.

"To help to equalize" might imply the same thing to some readers, but if you read it carefully, you will see that all it says is that educational opportunity will be more equitable (on the average) than if there was no financial aid at all. Educational opportunity will be more equitable, not equal, with financial aid. For example, let's say two students with equal need (\$600) are having their need being fully met. One has a \$600 scholarship and the other has a job in the cafeteria covering \$600 of his food bill. Both students can now afford to attend WPI, but does the working student have the

same educational opportunity when he has a couple hours less to spend each day on his studies? What about a third student with even more need not receiving any aid at all? Their educational opportunity is more equitable since they all might still be able to attend WPI somehow.

"To help to equalize educational opportunity..." I wonder just what that means. It's obvious it doesn't mean to equalize the burden on each student to get that education. If it did, some students would be graduating with no debt (because they received full need in scholarships), while others are graduating with over \$6000 in loans, some of which are National Defense Student Loans awarded through WPI, and some are bank loans covering need not met by WPI.

"The student will also make a maximum effort at self-help..." Why is it maximum effort at self-help for one student equal to a \$1000 loan and a 12 hour per week job and a \$1000 scholarship while it means pure scholarship of \$2600 for a student with equal need? Why does the definition of maximum effort vary from one student to another?

"...and by accepting a just proportion of financial aid in the form of loans and/or term-time employment." It seems the definition of "just proportion" also varies from one student to the next. I wish I knew how they ("they" referring to whoever makes the final decision on this for WPI) define "just proportion". I hope their definition explains why a baseball player received a scholarship covering full need with 0 per cent in loans or employment while his roommate received 50 per cent of his aid in loans when he was admitted the year after (when more money was available). Note also that the baseball player was an average student while his roommate was in the top 5 per cent of his high school class and involved in various activities. Also, their total aid was the same, although the need of the baseball

player's roommate was several hundred dollars higher.

Perhaps part of the answer lies further along in the policy, where it says, "the proportion of scholarship aid to loan-job, within this package, may be based on the college's judgement of the following: the student's merit and the magnitude of his need." Who is it that decides which merits are more important? Is playing football a better merit than playing hockey? Is playing baseball a better merit than academics? How impressive must your extracurricular activities be before you become desirable as a good football player? Should these merits be considered at all? Should we keep some, like academics, and remove some, like athletics? Should merits have more importance? Should athletics be considered to be more important than they are now? (It has been suggested to me that the committee studying the role of

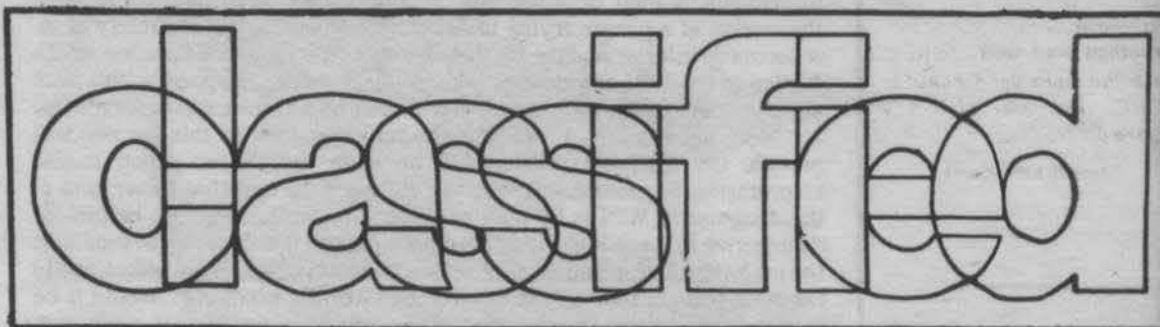
athletics on campus will possibly decide this is the case and thereby recommend more recruiting of athletes through financial aid.)

A "just proportion" of non-scholarship aid depends on how much WPI would like to have you. When I first read it, I thought it meant each financial aid recipient would receive his fair share of loans so that another recipient wouldn't receive an excess of loans. I thought it meant something on the idea of each recipient receiving a certain amount of loan before he received any scholarship, so that no student would have loans exceeding a "ceiling amount". Obviously that's not the case. WPI would rather see one student forced to work term-time so he might be able to eat, while another student (full scholarship aid) decides to work so he might afford a car. (This could also result in living further from campus - since he has no car - where he could find similar living conditions at lower cost, thereby increasing his benefits even more.) The first student is unable to afford a car since he is only able to work a



certain amount of hours each week (studying does take time). The second student also has the choice of taking some of the burden off his parents, while the first student does not. If the first student's parents refuse to contribute as much as expected, he has quite a problem. The second student might feel bad because he has to work if his parents didn't contribute the full expected amount.

"To help to equalize", "maximum effort", and "just proportions" - just what do they mean to WPI? I wish I knew. I wish I could understand.



## FREE CLASSIFIED ADS

For a gay time see Beckley.

**ROOMMATE WANTED:** Two bedroom modern apartment. Full kitchen and bath. Lincoln Square area. Call 754-7750.

**CHRYSLER 300, 1966**, all powered, sound condition, \$450 or best offer. Call 754-5930 evenings.

It has come to our understanding that Jerry had a rip-roaring time Saturday night!

**FOR SALE:** 1967 Oldsmobile F85 station wagon. Looks good, runs, good mileage, snow tires. \$125 or best offer. 829-4532 evenings.

**CHEVROLET BISCAYNE 1964** in running condition, automatic, power steering, good tires, new starter & battery, AM radio. Make an offer. 754-5930 evenings.



## FREE CLASSIFIEDS

Newspeak Classifieds P.O. Box 2472

### SKIERS!!!

Want to avoid gas hassles? Let someone else do the driving? Want to conserve fuel? Want to go skiing this winter? There will be an informal organizational meeting of a club that will be conducting ski trips to several ski areas this winter. If you are interested, please come to THE WEDGE, WEDNESDAY, DECEMBER 19, at 7:30 PM. We desperately need your support.

If you can't make this meeting then call or write: Rick Conti, Box 522, 799-9189.

We just may have the best way of getting to the slopes.

In the true 'spirits' of Christmas, the class of 1977 will be closing the entrances to Boynton Hall today for the Salvation Army. To gain entrance to the Boynton, a cash or canned good donation will be accepted as an entrance fee. Please help the Salvation Army this season by helping the class of 1977 successfully put the BOYNTON ON TAP!!!!

**HAVE A HAPPY!!!!**

## TERADYNE MAKES SENSE

if you're an **ELECTRONICS ENGINEER** who

..... loves engineering for its own sake; is a natural-born tinkerer, just as comfortable with a soldering iron as with a slide rule.

..... wants the freedom to follow your interests as they develop - whether they lead to circuit design, test engineering, field engineering, applications engineering or software development.

..... wants to translate your technical knowledge into practical, economical solutions to industrial problems.

..... wants to join a company that is big enough to offer an engineer the resources he needs but small enough so that he can make himself heard.

..... appreciates the convenience of working in a downtown location, surrounded by good theatre, restaurants and stores.

..... appreciates a fast-growing company that depends on capable people to keep it growing.

If all this **MAKES SENSE** to you, see our representative on campus on:

**TUESDAY, JANUARY 15, 1974**

**TERADYNE**

183 Essex Street, Boston, Mass. 02111

An equal opportunity employer M-F





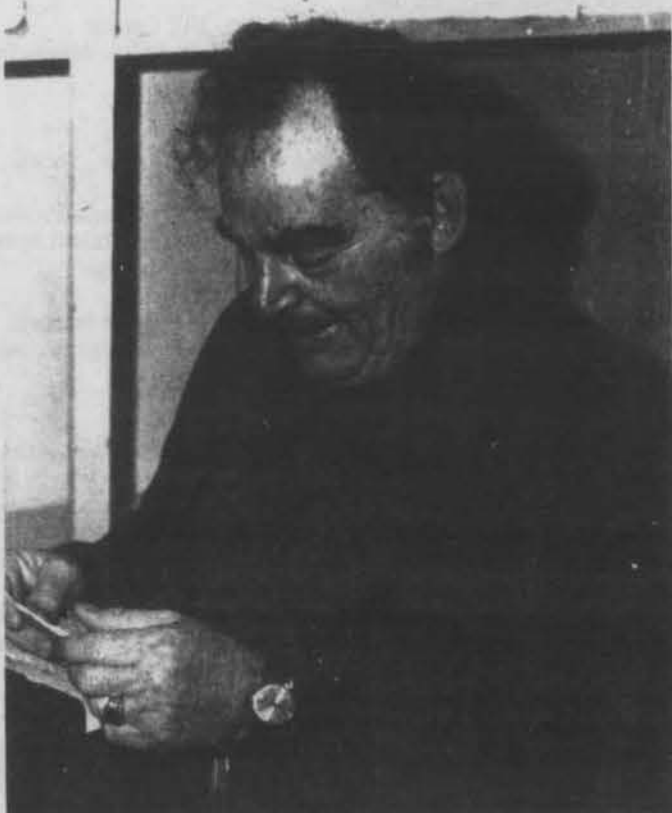
# Titi The Towel Man

by Gerard M. Chase

Tucked away in the corner of the main locker room in the Alumni Gym is a man who loves his work, and in return is well-respected by all those who know him.

Although he is known to just about everyone as Titi, he does have a real name, Francis Laflamme. (His nickname was bestowed on him when he was small. When he came here, a student who had known him previously called him by this name. It then spread quickly.) He was born in Canada, but lived most of his life here. In his youth, he used to play baseball (he was a catcher), but unfortunately, has been handicapped since he was 14. Titi plays the violin. In fact, at one time he played regularly on WORC, and was also a western square dance fiddler. He hastens to add, though, that this was "about 40 years ago."

Titi, who has been here since January of 1969, lives in Lynwood. He has two children, Robert, who is a sales manager at Jordan Marsh, and Claudette, who is completing her final year of high school.



When asked how he happened to get his present job, he explained that it was mostly a lucky coincidence. Titi had worked at a machine shop for 32 years, when he was laid off. This left him without work for a year, until he visited the state employment office. This was on a Friday, and so it happened that the former towel man was leaving that day.

He works from 8:00 to 5:00. Monday through Friday. His duties consist mainly of dispensing clean towels. He receives the towels from the laundry downstairs, so he is spared the task of washing them. He is also responsible for putting fresh towels each day into the athletes' lockers. The one thing that bothers him is people ripping-off the towels. In fact, he warns everybody to tie a knot in their towel, so they can't be pulled out of the basket.

It's hard to put into words the way Titi feels about his job. It was probably best described when he said it's as if he "died and went to heaven." He said that the students were very polite. His opinion of Mr. Pritchard is that "He's a fine man, just like the other higher-ups. They all smile and say Hi. It's not like the machine shop."

When questioned about the proposal to abolish the Phys-ed requirement, he said it should be retained, because it keeps the students healthy. His feeling is that there are some who wouldn't take Phys-ed if not required to.

His plans for the future are somewhat nebulous. He wants a house near the water, and has his eye on one now. However, don't let this give you the idea that he is contemplating leaving. On the contrary, he hopes to be here as long as he can.



## Middle Class in Middle Of College Money Crunch

Xerox TV Special:  
MIDDLE CLASS IN MIDDLE  
OF COLLEGE MONEY CRUNCH

NEW YORK — Poor kids and rich kids can go to colleges of their choice. Middle-class kids cannot.

That paradox, and why many colleges face financial difficulties, will be probed in "The College Money Crunch," an NBC News special to be sponsored by Xerox Corporation Thursday evening, Jan. 3, 10 to 11 o'clock (ET) over the NBC Television Network.

It will mark the first of a number of special programs that Xerox plans to bring to the nation's viewers during 1974.

Edwin Newman, reporter for "The College Money Crunch," will point out that the cost of higher education is soaring — up to \$5,500 yearly at some schools.

Very rich parents can afford such costs. The very poor can qualify for financial aid. But many middle-class youngsters, eliminated from the Federal guaranteed loan program by the government's recent budgetary cutback, can no longer afford to enroll in the higher-cost private colleges or universities.

Many colleges too are caught between rising costs and shrinking enrollments. Eliot Frankel, executive producer of the Xerox special, says it will focus in part on little Belknap College in New Hampshire, which "goes out of business" at the end of the current semester.

Some private institutions are flooding high schools with direct-mail promotion literature and recruiting high-school seniors via telephone. "We operate almost like college football coaches striving to recruit the best high-school athletes," says one administrator. "It's almost like selling soup."

Tax-supported state universities can offer much lower tuition costs, but have their own problems. Anticipating steadily-increasing enrollments, some schools are already city-size and still growing. By 1983 they may have up to 85 per cent of the college student crop.

The special is being filmed at a number of locations across the country, as Newman interviews students, their parents and college administrators.

Coffeehouse for  
Intercession:

Jan. 11 Bitter Creek  
Jan. 16 Steve Dacri

Merry Christmas  
and  
A Happy New Year  
to all my WPI friends.  
— Tom Clark  
City University



Happy Holidays

## Nader and His Scares

No. R-490  
Contact: Joseph J. Fouchard  
Tel. 301-973-4538

NOTE TO EDITORS AND  
CORRESPONDENTS:

Dr. Dixy Lee Ray, Chairman of the Atomic Energy Commission, today issued the following statement:

Ralph Nader and the "Union of Concerned Scientists" (UCS) have issued another of their scare statements on the safety and reliability of nuclear power plants and on the handling of wastes from these plants. This is yet one more attempt to frighten the American people into believing that nuclear power cannot be depended upon to help generate the electrical energy which our nation will require in the coming months and years.

Both Mr. Nader and the "UCS" are wrong. They have once again used innuendo and inaccuracies to build a case against nuclear power largely on emotional grounds. They have jumped to conclusions on sketchy evidence and have dealt with their subject in a simplistic and casual way. The subject deserves far more mature consideration; we do not believe that the people will be fooled.

Mr. Nader and "UCS" have chosen to ignore the following facts:

1. Nuclear plants have an excellent record of reliability.

Commonwealth Edison Company of Chicago, the nation's private utility with the largest nuclear capacity on line, reports that it has had, proportionally, more operating hours from its large nuclear plants than from fossil plants of comparable size. Other utilities report similar results. A survey of nuclear reactor availability for the January-April 1973 period showed that of 24 utility-owned generating units of 100,000 kilowatts or larger capacity, 14 nuclear steam units were available 80 per cent of the time and eight were available 90 per cent of the time. This compares with an average of about 73 per cent availability for fossil plants of 600 electrical megawatts or larger over the 1960-1971 period.

2. Proven technology exists today for providing safe, economical management of the high level waste from the commercial nuclear power program. This technology is being used. As the AEC has said many times, wastes from commercial power plants — the first of which will be delivered to the Federal Government in the early 1980s — will be placed in retrievable surface storage.

3. The generation of electricity is a developing technology. Conversion of heat energy to electricity by any method is relatively inefficient and these are constant efforts to improve, both in fossil

fueled plants and in nuclear plants. Even in the fossil fuel field, modern 1,000,000 electrical kilowatt plants have been operating only since 1965. Large power plants of all types must be expected to have shakedown problems. In the case of nuclear plants, the AEC's defense-in-depth requirements — involving primary safety systems backed by redundant systems — provide assurance that the public will be protected and that minor malfunctions will not escalate into major safety problems.

Mr. Nader and "UCS" assert that New England faces the coming winter with only one out of its five large nuclear power plants working satisfactorily. The facts are that, on November 20, two plants were shut down. Pilgrim is down for the replacement of a leaking valve on a pump, and Connecticut Yankee is down for turbine repair but expects to resume operation in early December. Four of the six New England plants were in operation in excess of 60 per cent of full power. Vermont Yankee was at 52 per cent power; Yankee Rowe at 100 per cent; Maine Yankee at 78 per cent; and Millstone Unit 1 at 67 per cent.

It is regrettable that Mr. Nader and colleagues have seen fit to misrepresent the situation. The facts simply do not bear out their allegations.

WPI Bridge Club is holding a bridge tournament on Dec. 19 to select the best pair who are going to represent WPI at the inter-college bridge tournament held by ACBL in January. Only Tech students are eligible. It is going to be a duplicate tournament. (Howel, or Mitchel movement).

Players are expected to be at least intermediate, with some duplicate experience. Entry Fee \$1. per person.

Please come in pairs. The game starts at 7:00 p.m. in the Wedge.

For further information call 757-7215

P.S. Master Points are awarded to the winners.



● Clean, Dry Place to Work — \$2.50-hr.  
● Professional Tools  
● Machine Shop  
● A Complete line of discount Auto Parts

● Steam Cleaning  
● Technical Advice  
● Repair Manuals  
● Equipment

MON.-FRI. 10-10 SAT. 9-9

**AUTO TECH Self-Service**

REPAIR & PARTS CENTERS

15 Albany St., Worc. Tel. 753-5429

"Let the boys at Auto-Tech teach you how to maintain your car"



# Intersession Activities

## Frank Wakefield

Last Monday evening Channel 13 presented a half-hour program by an unusual virtuoso of stringed instruments named Frank Wakefield. Mr. Wakefield is primarily a mandolin player — a bluegrass mandolinist. He also plays guitar, autoharp and banjo.

But it is what he does on the mandolin, which is subsequently translated to his other instruments, that makes him stand out among bluegrass musicians as Louis Armstrong or Charlie Parker stood out among jazz musicians, and that places him with Bill Monroe and Earl Scruggs as an innovator in the country music field.

Mr. Wakefield has developed a method of playing three — and even four part harmony on the mandolin. He uses finger picks on the autoharp instead of the usual strumming technique to produce a sound that has the grandeur of a chathedral organ. Timothy Crouse of Rolling Stone has described his playing, in an inspired phrase, as a mixture of "bouzouki plate-smashing music, bluegrass runs and baroque counterpoint."

It is all of that and quite a bit more because Mr. Wakefield also sings in a soft and winning voice and roams through tunes as

diverse and well-known as "Darktown Strutters Ball" and "Arkansas Traveler" to a series of remarkably varied and highly developed original pieces called "Jesus Loves His Mandolin Player, No. 1," No. 2, No. 3, etc. up to (and presumably now beyond) No. 16.

Both No. 16 and No. 2 are on "Frank Wakefield" (Rouder 0007: Rouder Records, 727 Somerville Avenue, Somerville, Mass. 02143, \$5.95), a collection that offers a provocative cross section of Mr. Wakefield's talents as instrumentalist, singer and composer. He is accompanied by and deeply involved with a superb group of bluegrass instrumentalists called Country Cooking, which can also be heard on an exhilarating record of its own, "Country Cooking" (Rouder 0006).

Mr. Wakefield's disk heralds an astonishing, thoroughly American-rooted musical talent that, building on everyday, familiar material and style, emerges with an individuality that is a synthesis and expansion of everything that has preceded him.

John S. Wilson



### Bluegrass Music with Frank Wakefield

Following Frank Wakefield's concert on Monday, January 7, 1974, he will conduct classes on January 8, at 10:00 a.m. and 2:00 p.m.

In the workshop on January 8, Mr. Wakefield will perform on the mandolin, guitar, banjo and auto-harp. Students are invited to bring their instruments and jam.

Steve

Gerry

Ken

Russ

Dave

Tom

Hugh

Signing off



## Merry Christmas

## Technicon II

### The Schedule —

FRIDAY, JANUARY 11, 1974

7:30 p.m. Keynote address by Lester del Rey. Question and answer period to follow. Alden Hall.

9:00 p.m. Cinema: Metropolis and Rodan

SATURDAY, JANUARY 12, 1974

9:00 a.m. Black Holes in Science Fiction, Bill Carton

10:00 a.m. Fandom and Conventions, or, How to be More Than a Reader, Tony Lewis

11:00 a.m. To be announced, Susan Lewis

12:00 noon lunch

1:30 p.m. Elements of Successful Science Fiction Yarns, Gary Goshgarian

2:30 p.m. Rap Sessions; a slide presentation of Science Fiction artwork; various videotapes including Star Trek and Stalost episodes.

8:00 p.m. Cinema: Barbarella and The Time Machine

SUNDAY, JANUARY 13, 1974

Discussion groups will be scheduled if there is enough interest. Also, slide shows and videotapes will be repeated. Program will be designed to meet audience interests and desires.

### The Movies —

Metropolis is a 1926 German classic, directed by Fritz Lang. It is outstanding in its use of technical innovations such as set design and use of miniatures.

Rodan is a 1956 Japanese film. Second of the Japanese monster genre, it is done impressively by Inoshiro Honda and is the tale of a giant ravaging pterodactyl.

### Registration —

Visit, phone or write the Office of Continuing Education (Boynton Hall 310) to register for Technicon II. Registrations will not be considered complete until the total fee has been received. Register by January 9, 1974.

The total cost for this course is \$30, which includes lunch on Saturday afternoon.

Barbarella is a space comic strip turned into a 1967 movie by French director Roger Vadim and starring the pre-militant Jane Fonda.

The Time Machine is a 1960 production of the H.G. Wells novel by another notable science fiction director, George Pal. It stars Rod Taylor and Yvette Mimieux (and the Morlocks, of course).

**IF YOU LIKE  
SCIENCE-  
FICTION  
YOU'LL LOVE  
TECHNICON II**

## Spectrum Presents: Gershon Kingsley

The Science and Art of the Moog — a new, fascinating, mixed-media concert happening.

Called the most important contribution to music since the piano, the Moog is an electronic marvel whose computer-like scientific instrument board can create and synthesize almost any conceivable sound or mood — ranging from classical music, jazz, and rock to Kingsley's interpretation of "an amoeba eating polluted water."

The German-born Broadway musical director has been experimenting with the Moog for

several years. His workshop-studio boasts 5 Moogs and enough electronic equipment to launch an Apollo spacecraft. A former staff arranger and conductor for Vanguard Records (where he worked with Joan Baez, Jan Peerce), he also conducted several Broadway shows for David Merrick, won 3 Obies for music he wrote for three shows. He has over 150 commercials to his credit (won 2 Clio — the Industry's highest award). Mr. Kingsley's film on drugs won him an award at the Venice Film Festival. He will appear in Alden on January 14 at 8 p.m.

## Four Moogs

by Harriett Johnson

Four mountains of complexity and sound possibilities — four Moogs — were on-stage last night for the first time anywhere in concert, at Carnegie Hall. The stage was richer by about \$25,000, and by the debut of a new, fascinating, mixed-media concert-happening.

You can see that the science and art of the Moog, an electronic marvel, doesn't come cheaply. But it earns its cost. It can suggest the timbre of any orchestral instrument, and initiate sounds of its own, as any devotee of TV commercials can verify.

Through the accuracy of its bewildering but computer-like scientific instrument board, the Moog can give you a keyboard-

controlled simulation of incredible range, from the bark of a dog to the song of a nightingale; from the tune-up of an airplane to the clarinet; to its unique swishes, moans and grunts that are really out of this world.

Gershon Kingsley, German born Broadway musical director who has been experimenting with the Moog for some years, was in charge of the concert, in fact the program read: "Gershon Kingsley's First Moog Quartet."

They projected a range of music and vision that included a 16th century "Ricerare" by Gabrieli, an arrangement for voices and Moogs of Handel's "Water Music," to music by the Beatles, by Kingsley, himself, by Jimmy

### The People —

Lester del Rey is a world-famous science fiction writer and editor. Born in 1915, he wrote and achieved eminence in the late 1930's, publishing stories in John Campbell's *Astounding Science Fiction*. His best short stories include: *Helen O'Loy*, *Dark Mission* and *The Stars Look Down*. *Nerves*, a 1942 novel about an accident in an atomic energy plant, was truly prophetic, being written at a time when the Manhattan Project had just gotten underway and was certainly not in the public domain. Mr. del Rey was the guest of honor at the 1967 World Science Fiction Convention in New York, received the Skylark Award at the 1972 Boston Convention, was Toastmaster at this year's Worldcon in Toronto, and is presently the feature editor of *Galaxy* and *If* magazines.

Tony Lewis is a Boston-based writer and active fan. He has had stories published in *Analog* (*Astounding's* successor) and is recognized as an authority in science fiction fandom.

Susan Lewis co-founded the New England Science Fiction Association with her husband Tony. She is a consulting mathematician with the Arthur D. Little Company.

Gary Goshgarian is an English professor at Northeastern University, specializing in science fiction. In the last year he has been especially busy getting involved in editing, fiction writing, and guest lecturing.

Bill Carton coordinated the well-received Technicon I in 1973 and is returning at popular demand. He is currently an electrical engineer at Teradyne and an extremely knowledgeable science fiction fan.

**DON'T  
MISS  
GERSHON  
KINGSLEY**

Giuffre; to rock 'n' roll. The poetry and songs ranged from atmospheric images to protest songs; the slides and movies from abstract images to baby cartoons.

Kingsley was the m.c.-conductor and played a tambourine. At the end he thanked the "god of electricity, for giving us clear circuits for two hours."

He had trained the musicians to play the Moogs. In the process they created while they re-created, including inventing a practical system of notation. Everything on-stage was professionally handled, and at times the result was exciting, as much for possibilities as for present realization.

He proved the skeptics wrong. TV performer, Walter Carlos, among others has said the Moog couldn't be performed live.

Yet Kingsley engineered this debut that kept a full house, including many long-hair musicians, enthusiastic and entertained during a long program. There were only a few boos and overwhelming bravos.



# Magic, Movies, and Music

## Is This the Fastest Right Hand in The World?

by Ira Alterman

The first thing you notice about Steve Dacri is his hands.

Pale and slim with their long — almost too long — tapering fingers, they are like white birds, sleek and strong. Fast, deceptively fast, clean and polished, they are the hands of an artist, a concert pianist, a master safecracker.

Actually, they are the hands of one of the best close-up magicians in the business, "the fastest hands in the world."

Believe it, for Steve Dacri and his magic hands are something to behold. Worcester born and Worcester bred Steve, by his own estimation, is a seasoned performer. He works out of a modest but modern office on Lake Avenue in Worcester where he runs a magic tricks mail-order house, Imperial Products, gives lessons and takes bookings, working industrial shows, colleges and local clubs.

It started when he was a child and was first exposed to magic on television. "I used to watch it and then it just hit me like a disease. I would practice all the time. The first trick I ever learned was the ball and vase."

\*\*\*  
The cup is silver, about four inches high and completely hollow. The ball is spongy foam stuff, about the size of a ping-pong ball, orange and easily compressed. It goes down on the table and the cup covers it. Down go the hands, away comes the cup and the ball has disappeared. Gone. The cup is replaced on the table and lifted again and the ball has returned. As if by magic. The operation is repeated, with the same result. The third time you watch more closely. Down goes the little ball, followed closely by the cup. Up comes the cup and the little ball has again disappeared but this time a tennis ball has taken its place. The tennis ball comes out. The cup is replaced on the empty tabletop. It is lifted again and inside is a large red ball. And you didn't see a thing.

\*\*\*  
Steve decided he wanted to be a professional magician when he was in high school. He went to Worcester Tech for two years and Quincigamond for a year. "When I was at Tech I was disappointed with school, with the courses. I wanted to start a business, so I started this magic mail order thing. I now have a mailing list of 1500 all over the country."

Imperial Products puts out a catalog "for every aspect of the conjuring art," according to the blurb on the cover. Full of such

goodies as the old three shell game, kangaroo coins, magic canes and candles, it is nonetheless a card tricksters paradise with card tricks and instruction books by the dozen.

His best customers are older, professional, men. One doctor has a habit of sending in his orders on prescription forms. A third grade teacher in Ohio uses magic as a teaching aide. "He's my best customer," said Steve. "If the kids are good, at the end of the day he shows them a new trick. If they're not, no trick."

But Dacri is at heart a performer, not a businessman, though his office gives evidence of some harried activity. Stacked in one corner are the newly finished Imperial Products catalogs; in another display cases show a myriad of magic tricks — cards, coins, dice, sponge balls. In the back of the room are supplies, weird-looking machines with long silver handles — presumably used to stamp out weird looking magic tricks — and a well stocked bar, though Dacri himself does not drink. A poster on the wall shows a full front of the magician's face and bears the legend "The Amazing Steve Dacri."

Dacri is well known. Though only 21 he is very polished, very sure of himself. He regularly works the college circuit and has a tour planned for September that will take him through six states, including Pennsylvania, New York, Rhode Island, Connecticut, California and Massachusetts. He has appeared and will appear again on the Paul Benzaquin and Sonya Hamlin shows and is a regular with Bozo the Clown. He works industrial shows and night clubs. But his forte is close up magic.

"The easiest people to fool are people who watch closely. The closer you watch the harder it is to see the trick. It's all psychology. The sharper you are the easier you are to fool," Dacri said. On the other hand kids are hard to fool. Psychology doesn't work on them. You can't divert their attention. Besides, they've already seen everything on television."

\*\*\*  
The Martian trick involves two sponge balls, about the size of tennis balls. The magician puts one in the palm of his hand and squeezes. He places the other in the observer's hand, which is squeezed closed. He waits for a moment, then asks the observer to open his hand. Both 'Partians' pop out. The magician's hands are empty. Well, not really. From somewhere, a third Martian appears. Then a

fourth. Who said there's no life in outer space?

\*\*\*  
Dacri, owner of the fastest hands in the world, views magic as an art, not a pasttime.

"I practice about three hours a day, and my ability comes from practicing, nothing special. Just a lot of work."

"I'll tell you another thing," he said. "I never tell how to do a trick. Magic wouldn't be an art if secrets weren't kept. People wouldn't want to see me perform again if they knew how I did the tricks."

What happens to a magician when his tricks don't work? Dacri was asked.

"People like to see you make a mistake," he said. "My most embarrassing experience happened at a college show. I wanted to do the floating lady trick but I didn't have a helper. So before the show I got hold of a girl and explained the trick to her. When I called for volunteers, during the act, she came up from the audience."

"The trick involves two chairs and a board, which the girl lies on, the board resting on the backs of the chairs. Well, the college had no stage and had set up several tables as a platform from which I was working. The surface was very glassy, so when I pulled one of the chairs from under the board, the other chair gave way and the girl fell flat on her back. The audience broke up. I tried to get her to do it again, but she said, 'Go to hell. You lie down.'"

Does a magician have goals? "I have a lot of goals," Dacri said. "I want to be known and successful. I want to do the Johnny Carson show. I think that's the ultimate booking for a performer. 'I'd also like to do a movie someday,' he added. "After all, magic is mostly acting. 'I guess magic will always be my life.'"

\*\*\*  
He handles the deck with ease, cutting, fanning, shuffling with smooth, practiced speed. In four successive moves he deals all four aces out of the middle of the deck, then quickly moves on to another trick. Blank cards are turned into signed cards, kings come and kings go, aces appear as if out of the air. In the middle of the demonstration a neighbor walks in, sits down and watches. He has seen the routine many times. At the end he is asked, "Do you understand any of this?" "Not really," he says. "I enjoy it."

"Everybody enjoys magic," says the magician.

## Quartetto Beethoven

The Quartetto Beethoven di Roma will be heard here at 8:00 p.m. on Monday, January 21 at Alden Music Room.

The Quartetto Beethoven di Roma was formed during the Beethoven Bi-Centenary by former soloists of the celebrated I Musici. Since that timely debut, the quartet has more than proven itself among the very finest in the world. Already the Quartetto Beethoven has toured all over Europe, South America, Japan and Australia with great success. Its recordings have created great excitement in Europe and Japan. Now, in its third year, The Quartetto Beethoven comes to North America where it is bound to generate the same excitement and acclaim it has received on the other four continents. Violinist Felix Ayo, Violist Afonso Ghedin, cellist Enzo Altobelli and pianist Carlo Bruno are all professors at the renowned Conservatory of Santa Cecilia in Rome. The string instruments they play are rare and precious Guadagnini violin and viola and a Guarnerius cello.

Felix Ayo, violinist, born in Bilbao (Spain). At fourteen he won

the Ibanez de Beroiza concourse. He is well known internationally for his extensive activities both as a soloist and in chamber music. For his recordings he has received enthusiastic recognition, winning numerous prizes amongst which are the "Grand Prix du Disque" and the "Edison Award".

Afonso Ghedin, violist, was born in Treviso. In 1955 he won the Ghislanzoni concourse in Venice. He has played all over the world both as a soloist and as a member of chamber music ensembles.

Enzo Altobelli, cellist, born in Naples. In 1947 he won the first prize in the Internationally Chamber Music concourse held at Monza. He is well known Internationally through his extensive solo and chamber music activities and has also gained numerous acknowledgements for his recordings.

Carlo Bruno, pianist, was born in Naples. He is well known as soloist in Italy and abroad. In 1957 he won the first prize in the G. Martucci concourse and in 1960 the Trieste concourse for conducting. He has also composed many works for orchestra, for voice and piano and chamber music.



SEE THE  
MARX BROS.  
DURING  
INTERSESSION



SEE YOU TERM C,  
MAYBE!!

### STEVE DACRI

will be participating  
in Interession

"The Art of  
Legerdemain"

Jan. 16, 17, 18.

Steve's performance will  
be on Jan. 16, at 8:00 p.m.  
in the Coffee-House.





# Memorandum

To: All Shrinks  
From: A Psycho-physicist  
Subject: Notes on Physical Psychology

It has come to my attention that when two people, A and B, are responding to each other, for example in conversation, they constitute a feed-back loop. If B begins by saying something to A, it is a stimulus which can be designated S0. If A responds with an increased stimulus S1, and this is a linear feed-back loop,

$$S1 = S0 (1+a)$$

where a is the amount of increase contributed by A. If A and B respond equally, B will now respond with

$$S2 = S1 (1+a) = S0 (1+a)^2$$

Evidently, after n responses, the intensity of the response will have become

$$Sn = S0 (1+a)^n$$

If we are talking about two lovers doing what lovers are supposed to do—for example sitting in the dark coupled by the Infra-red photons of their electromagnetic fields (Black Body Radiation is Beautiful), this is a formula for a quick trip to bliss.

If, on the other hand, we are talking about a pair of people about to have a cat fight, it can be applied to this sort of situation equally well. And in fact, this leads us one step further in understanding: Let us suppose that B is conciliatory. If the strength remains the same, we can introduce a negative sign in every other response function, so that

$$S2 = S0 (1+a)(1-a) = S0 (1-a^2)$$

and

$$S2n = S0 (1-a^2)^n$$

This over simplified discussion suggests that B can always stop the argument, and encourages us to generalize. If B has a response different from A's, we can call it b; and to pursue the task of understanding arguments, include the negative sign explicitly. Then after one round of exchanges, B's response will be

$$S2 = S0 (1+a)(1-b) = S0 (1-(ab+b-a))$$

and after n complete pairs of exchanges,

$$S2n = S0 (1-(ab+b-a))^n$$

In this case, the range of possible values of a is zero to infinity, while that of b is zero to 1. It is clear that B can stop the argument if b is set equal to 1. This can be accomplished in several ways. Among them:

1. A can knock B unconscious.
2. B can stalk out of the room and slam the door.
3. B can burst into tears and become incoherent.

In the case of the lovers, b=1 means a frigid lover, and it is clear from the formula that no one will have much fun. On the other hand, if (-b) is replaced by (+b), no matter how small b is, there is hope for A.

Looking at the final equation as written, we see that the response stops if the expression in the inner parentheses goes to one and that the response damps out as long as

- ab+b is greater than a, or
- b is greater than a-(1+a)

Since a-(1+a) is mathematically guaranteed to be less than one for finite a, there is always room in the domain of b to effect reconciliation. Halleluia!

## Orienteering Course

by Ralph F. Miller

Sat., Dec. 8 about 30 ROTC cadets from WPI, Holy Cross and Clark U. participated in an orienteering course run by the Recondo Detachment, WPI ROTC. Orienteering has its origins in Scandinavia where sportsmen organized this sport to combine skill, judgement and physical rigor in cross-country running or skiing competition. Brightly colored bottles are hung from trees in woods, swamps and anywhere you can put it, tagged with team codes and marked on a topographic map. The points are assigned a score value based on the degree of dif-

ficulty in finding them, getting to them and distance. The teams leave the control point at timed intervals, go to the master map and transfer the points to their map, check the point value and start orienteering to the points. The event is timed and the highest score wins.

The Recondo sponsored orienteering meet involved swamps, woods, fields, a lake and the cold. Teams were running all over the place and at the appointed time most teams returned and checked their scores. There was much talk on the points almost got and talk on where some of the points were.

There were disappointments and victories in this competition. After the talk we called it a day and returned to Teck.

Graduate assistantships, fellowships, and scholarships in Communication and Technical Writing are offered to qualified students by Rensselaer Polytechnic Institute in Troy, New York. Each assistantship provides a tuition grant of 12 credit hours per semester and a stipend ranging between \$2400 and \$3000. Graduate assistants in the programs are assigned to teaching or to research projects. The Communication and Technical Writing program leads to a Master of Science degree. Students receive preparation for careers in industry, government, and the technical press, or for continuing graduate study in communication.

The Ph.D degree in Communication and Rhetoric combines practical and theoretical studies in communication for the development of communication specialists in various areas and the preparation of college teachers in the interrelated disciplines of communication theory, visual communication, and literature. Inquiries about the assistantships, scholarships, and programs should be made to the Chairman, Dr. Robert W. Elmer, Department of Language, Literature, and Communication, Rensselaer Polytechnic Institute, Troy, New York 12181.

### INTERSESSION

Many closed courses

will re-open on

Monday,  
December 17.

Many other courses are still open. Stop by the Intercession Office (Reynolds 211) if you want more information or want to register for a course now.



## Jesus Saves — and Espo Scores on The Rebound

A friend of mine told me of reading that line on the wall of one of the Gorden Library men's rooms. As far as humor goes I guess it's a funny line but actually it is kind of sad. I don't know about all of the students at the 'tute but I know that this used to be my attitude until a few years ago; the idea that Jesus could save anybody from anything was a joke—there was no place for me to go when I died and there was no place that I needed to be saved from. I believed that everything that occurred could be explained away through math and science, and that anyone who had any type of creative talents was just sort of born that way. Still, when I was lonely, or dejected, or heartbroken, or faced with a crisis, all of my scientific reasoning was caught in a whirlpool and lost down some Hirsch funnel. If I tried sharing my problems with anyone, the most common reaction I would receive was, "Oh, yeah, gee s'tough problem y'got there," and then they would go back to worrying about their own problems. I once heard that "It's a good life if you don't weaken." Thanks...

Rather than dwelling on my past miseries, I'd like to share the peace of mind I've had since a friend opened up my eyes to the Word of God. He showed me that when I weakened or when things

weakened around me, I didn't have to worry about striving for any good life on my own but instead could ask Jesus to help me with my life, and in fact give me a better and more abundant life than I could ever imagine. He could give it to me because he had already promised it to be mine (John 10:10). By simply giving my life to Christ and asking that He use it for His glory I was guaranteed a fruitful and worthwhile life on earth as well as eternal life hereafter.

To get a fuller sense of the assurance of Jesus' saving grace I'd like to share excerpts from John, chapter 14. This is a very dramatic and heart-rending passage within the book. It is the time of the Jewish Passover Feast and Jesus has just broken the news to his disciples that he is going to be crucified soon and is giving them words of reassurance. Please consider that he has been their very existence for the past three years and that without his protection they themselves may be executed because of their association with him. It certainly is an upsetting piece of news for them to bear. Also, try and keep in mind a period in your own life when all of the securities you have built around you may crumble and you'll have nowhere to turn.

"Do not let your hearts be troubled. Trust in God; trust also in me. There are many rooms in my Father's house; otherwise, I would have told you. I am going there to prepare a place for you, I will come back and take you to be with me that you also may be where I am. You know the way to the place where I am going."

"Thomas said to him, 'Lord, we don't know where you are going, so how can we know the way?'"

"Jesus answered, 'I am the way—and the truth and the life. No one comes to the Father except through me. If you really knew me, you would know my Father as well. From now on, you do know him and have seen him...'"

"...I will ask the Father, and he will give you another Counselor, the Spirit of truth, to be with you forever. The world cannot accept this Counselor, because it neither sees him or knows him. But you know him, for he lives with you and will be with you. I will not leave you as orphans; I will come to you. Before long, the world will not see me any more, but you will see me. Because I live, you also will live. On that day you will realize that I am in my Father, and you are in me, and I am in you. Whoever has my commands and obeys them, he is the one who loves me. He who loves me will be loved by my Father, and I too will love him and show myself to him..."

"...Peace I leave with you; my peace I give you. I do not give to you as the world gives. Do not let your hearts be troubled and do not be afraid..."

Jesus Christ has made a wonderful peace of mind available to us and desires that no one should be without it. Please find and read the rest of John 14 and perhaps the whole book of John. If you have any questions (or answers) please come to our Christian Bible Fellowship, which meets on Thursday nights at 7:30 in the Janet Earle Room (basement of Alden Hall).

At last I'd like to share a song written by another friend of mine recently which sums up the joyful anticipation that Christians can sense in the expression "Jesus Saves."

We're goin' home, Ma

Jesus' love has gone and set us free, Ma

Livin' out His precious Love on Calvary

He's comin' soon and we'll be goin' home 2

Craig Parker

1 New International Version New Testament, John 14:1-7, 16-21, 27  
2 c1973 W. Kim Colich

## Open Meeting

The Campus Greening Committee will hold an open meeting in the Wedge at 7 p.m. on Wednesday, December 19 to discuss alternate suggestions on traffic and parking.

Committee chairman Gardner T. Pierce will have large scale drawings showing alternatives already proposed to eliminate parking and traffic from the center of the campus.

Reactions to the various plans are sought from all segments of the WPI community to aid the committee in preparing a recommendation for the president and board of trustees.

Committee members include Prof. Charles Heverthall, Prof. Richard Lamothe, and Lawrence Jones, '75.

## Tammany Hall

### "The Sign of Great Times"

43 Pleasant St. Mid town Worcester

EVERY WEDNESDAY

## John Morgan

w/Rico Flashback

<p style="text-align: center;">Monday Nights Upstairs</p> <hr/> <p style="text-align: center;">Downstairs</p> <p style="text-align: center;"><b>T.V. Football</b></p> <hr/> <p style="text-align: center;">All Sports Shows on TV Downstairs</p>	<p style="text-align: center;">Sunday Afternoon HAPPY HOUR</p> <hr/> <p style="text-align: center;">Tuesday - Sunday</p> <p style="text-align: center;"><b>Great Entertainment Changing Nightly</b></p> <p style="text-align: center;">A Tweed Production</p>
--	---



# Sports Highlights

## Hoopmen Drub Bowdoin 81 - 61

by A.B.

The WPI hoopsters kept a five hundred percent season going by winning one of their two games this week. WPI's win came by drugging Bowdoin 81-61. Their loss went to a strong Bentley team 101-79.

Again Bowdoin, WPI took advantage of the Polar Bear's poor shooting and lack of rebounding strength to secure the win. The inside work of Rich Allen, Rick Turner, and Peter Krupinsky proved too potent for Bowdoin. WPI moved out front by ten, 20-10, after ten minutes of play and increased the halftime score to 44-24. The second half was academic, as it seemed just a matter of how much. With about twelve minutes left in the game, WPI held a commanding margin of 67-38. Bowdoin applied some full court pressure in the second half, but WPI's backcourt aces Martin Frengs and Kevin Mischler handled it without much difficulty. The pressure seemed to backfire as the WPI big men got numerous inside hoops off of it.

Rich Turner led all scorers with 22 points. He was followed closely by Allen and Kuprinsky with 18 and 17 respectively.

Against Bentley, however, the roles were reversed as Bentley handled WPI quite easily. The Falcons took advantage of WPI's cold shooting and moved out to a quick 14-2 lead. Bentley, one of the top small college teams in the nation, never relinquished this lead. Richie Allen had a big game for WPI, scoring 30 points, but this wasn't enough. Allen was unstoppable from the ten to fifteen foot range. The Falcons used fine passing, fast breaking, and execution to hand WPI the defeat.

So far this year, the WPI junior varsity has done well. Their present record is 4-2. Their last victory came over Worcester Junior College. In this game, WPI came from behind to tie the score 67-67 at the end of regulation time. Bob Stack and Jim Brennan were key men in the effort. Forced into overtime, WPI scored first and went on to secure the win 71-69.

## Girl's Basketball

Don Green, '76, coached the WPI girls to two glorious wins, defeating Anna Maria and Becker Junior Colleges.

The first game was held Monday night December 3rd. The Anna Maria girls put up a good fight, tied WPI's score of 25, and sent the game into overtime. WPI took advantage of the extra time by getting a basket and freezing the ball till the buzzer sounded. The game was over, and the WPI girls were on their way to a winning season.

The second game was scheduled for Thursday night, December 13, against nearby Becker Jr. Although this game was a little rough, the WPI girls managed to win with a 27-25 final score.

During both games an overall effort was made by the entire WPI team. Members include: Karen Bird, '76, Laurie Gardosik, '77, Sue Germain '77, Carolyn Greenwood '77, Pat Graham '75, Terry Murphy '77, Gail Nedbor '77, Mary Polanik '76, Ann-Marie Robinson '77 and Amy Schneider '77. High scorer for both games was Sue Germain.

The team would like to express their appreciation for the large turnout at both games, and hopes that the growing enthusiasm won't go down during the vacation.

No further games will be scheduled until Term C. Let's see some more of you Techies come out and cheer your girls on to victory!

## UMass. and URI Stymie W.P.I. Mermen

by Dave Salomaki & John Dieters

The WPI Swim Team lost a tough meet at UMass last Tuesday night. Coach Peterson realized ahead of time that, as far as individual events were concerned, the team would have to win both relays in order to win the meet. Starting off with Scott Wilson, Leo Letendre and co-captains John Palitsch and Alan Hahnel, the 400 yard medley relay won in a time of 3:59.6. As hoped, Hadji Dieters won the 200 (2:01.5) and 100 (51.6) freestyle events, Palitsch won the 200 yard butterfly (2:19.6) easily, and Wilson won the 200 yard backstroke (2:18.5). Bill Gemmer just barely eeked out a win in the 3-meter optional diving by one point, bringing the outcome of the meet down to...the last relay, just as expected. Unfortunately, however, plans and reality took their separate paths at this point, and UMass won the 400 yard freestyle relay by about two bodylengths. The 63-50 final score in no way depicts the actual excitement the meet generated.

The WPI mermen are feeling the effects of taking the big step up into the Yankee Conference. After the defeat by UMass, the team was handed another defeat by U.R.I. Saturday, December 15, 1973 at U.R.I. Although the mermen brought the UMass meet down to the last relay, they were less fortunate against U.R.I., losing before then. A tenacious effort was displayed by the mermen of WPI by taking both the 400 yard medley relay and the 400 yard freestyle relay along with three winners in the individual events.

Scott Wilson, Leo Letendre, John Palitsch and Barry Livingston won the medley relay (4:01.4). Letendre and Palitsch came back to win the 200 yard breaststroke (2:30.2) and 200 yard butterfly (2:13.7) events respectively. Hadji was the other individual winner in the 100 yard freestyle.

WPI's next opponent in swimming is UConn, another established Yankee Conference team, on January 19, 1974.

Although the mermen have a 1-3 record, they are swimming better than any WPI Swim Teams of the past at this point of the season. With all the hard work and strong effort put into "the" sport by "the" team, the mermen are a little frustrated but definitely still competitive.

## Fencers Win

by Rich Loomis

The Fencing Club travelled to Hartford last Friday night to defeat Trinity 15-12 (men) and 7-2 (women). In some of the cleanest women's fencing ever witnessed, our gals managed to finesse point after point to keep their winning streak going. Winning performances were turned in by Liz Ronchetti (2-0), Paula Saboj (2-0), and Celeste Tetrault (1-0).

Although lacking two of our star starters, the men's team managed

to edge by a hapless Trinity team. The foil team started fast, winning five of their first six bouts, but it was the epee team winning their last six bouts that clinched the victory. In foil, Rich Loomis (3-0) and Rob Goeller (2-1) set the pace. In epee Lou Piscitelle (3-0), Bob Smith (2-1), Bob Medeiros (1-0), and Charles Price (1-0) had winning records on the day. In sabre Weston Liu came through with two clutch bouts.



Pete Kuprinsky takes it to the hoop against Bowdoin. (Jon Hatch).

## WPI Runner-up in Track Meet

by A.B.

The WPI track team placed second among six teams Saturday at Bentley College.

WPI competitors won five events and scored a total of 34 points. Westfield State finished first with 39 points. Boston State was third with 20, followed by Maine Maritime with 19-1/2, Lowell Tech with 10-1/2 and host Bentley with 7.

WPI probably would have won the meet had the triple jump been run. The lack of time prevented this so WPI had to settle for second. WPI made a real good showing despite the lack of indoor facilities.

Winners for WPI include Terry Lee in the shot put (46', 11-1/2"), Paul Varadian in the long jump (21'7"), Jon Hatch in the 60 yard dash (6.5 sec.), Alan Halquist in the 1000 yard run (2:24.1) and the two mile relay team (Dave Long, Alan Briggs, Dave Fowler, Chris Keenan), which was timed in 8:17.1.

## Grapplers Topple Trinity

by Rich Dew

The WPI Wrestling Team traveled to Trinity College last Thursday night and came back home with a 37-15 victory. The Engineers showed complete control by winning the first six weight classes. This victory brought the team's record to 3-3.

Steve "Star" Schlitt highlighted the evening with a crowd-pleasing performance as he wrapped up his opponent via a pin at 1:23 of the first period. Cocaptain Larry Martiniano kept his unblemished record with a pin in the first period. Other outstanding performances were turned in by freshmen Steve Barnicle (11-0, decision), Paul Whittman (6-5, decision), Tom Chesser (pin, 7:20) and senior Chet Kokoszka (pin, 4:15). Cocaptain Eric Isbister picked up a victory in the 150 lb. weight class by a forfeit.

Wednesday night the team travels cross-town to meet Holy Cross and hopes to go into Christmas vacation with a 4-3 record.

## IM Sports

by Matt DiPilato

### BASKETBALL

There were only 11 games this week in basketball but 3 of them were barn burners. On Monday, it took ATO (1) an overtime period to nip MG 3, 36-35. In that one, Gary Anderson led the way with 16 points. On Tuesday, PKT (2) and SPE (2) met. KAP (2) squandered a big lead but held on 34-32. In what has to have been the best game so far, KAP (1) and BSU met in a confrontation of contenders. In that one, KAP used aggressive defense and a fast break to take a 14 point lead. But BSU far from quit using an excellent performance by Bruce Pease and far superior height to storm back and take a six point lead with 3 minutes left. Here KAP went man to man and stopped BSU and scored 4 baskets, two with less than 40 seconds to win 46-43. But don't count BSU out of it. They will be heard from again.

In other action, Gladstone upset SIGEP, WRC rolled over DST, STARS whipped LCA (2) and OTG thrashed the ACES. PGD took PSK, and SP nipped the Hawks.

### BOWLING

This week featured another key clash; this one between GDI and PGD. GDI did not feature their big scores like last week but did bowl good enough to take three. They lost the first with an inept 596-615 performance but came back with two fine 646 and 692 games to take the match. In other matches this week, DST took three from the IND, LCA took four from STC, SAE rolled into second by taking four from PSK while SPE took first by taking four from PSK. Also, PGD took four from the IND. Also ATO stayed tied for second by taking four from TKY, SAE took three from TKE and PKT took four from GDS.

Standings as 12/14/73

1. SPE	8-0
2. ATO	7-1
3. SAE	7-1
4. TC	3-1
5. GDI	6-2
6. LCA	5-3
7. PGD	5-3
8. PKT	5-3
9. TKE	4-4
10. DST	3-5
11. SP	1-3
12. IND	1-7
13. TKY	1-7
14. STC	0-8
15. PSK	0-8
16. GDS	0-8



Freshman Paul Whitman has foe in a bind.

Anyone interested in writing sports articles for Newspeak contact Alan Briggs or Jim Grasso at 757-9971.



SUNDAY THROUGH THURSDAY

**back off**

For Each Adult Member of Your Party

**Grog With Us In Our Intimate  
English Pub Atmosphere****PLUS****ALL THE SALAD  
YOU CAN MAKE****PLUS****Lusciously Tender****STEAK****ALL FOR JUST****\$ 2<sup>95</sup>****Regularly  
\$3.95**

Cash Purchases Only

**WITH THIS AD****EMERSONS, Ltd.****FRAMINGHAM, MASS. . . . . 879-5102**

1280 Worcester Rd. (Rt. 9)

**PEABODY, MASS. Rts. I & 128 N. 535-0570****NEWTON, MASS. . . . . 965-3530**

1114 Beacon St. at 4 Corners

**LAWRENCE, MASS. . . . . 687-1191**

75 Winthrop Ave. (Rt. 114)

**E. PROVIDENCE, R.I. . . . . 434-6660**

1940 Pawtucket Ave. (Rt. 44 &amp; 114A)

Not Good with Any Other Promotion

This Offer Supersedes All Other Advertising

Emersons Ltd. 1973